

Списък на всички научни публикации - публикувани

- **Звено: (ИОХЦФ)** Институт по органична химия с център по фитохимия
- **Тип на публикацията:**
 - Научна монография
 - Глава от научна монография
 - Студия в научно списание
 - Статия в научно списание
 - Статия в сборник на научен форум
 - Студия в тематичен сборник
 - Статия в тематичен сборник
 - Научно съобщение
- **Година на публикуване:** 2016 ÷ 2016
- **Тип записи:** Всички записи

1. Ahmedova, A., Mihaylova, R., Momekova, D., **Shestakova, P.**, Stoykova, S., Zaharieva, J., Yamashina, M., Momekov, G., Akita, M., Yoshizawa, M. M2L4 coordination capsules with tunable anticancer activity upon guest encapsulation.. Dalton Trans., 45, Royal Society of Chemistry, 2016, ISSN:1477-9226, DOI:10.1039/C6DT01801G, 13214-13221. ISI IF:4.177
2. Ahmedova, A., Momekova, D., Yamashina, M., **Shestakova, P.**, Momekov, G., Akita, M., Yoshizawa, M. Anticancer Potencies of PtII- and PdII-linked M2L4 Coordination Capsules with Improved Selectivity.. Chemistry an Asian Journal, 11, 4, Wiley, 2016, ISSN:1861-471X, DOI:10.1002/asia.201501238, 474-477. ISI IF:4.587
3. **Angelov, I.**, Kril, A., Dimitrov, R., Borisova, E., Avramov, L., **Mantareva, V.**.. Light enhancement of in vitro antitumor activity of galactosylated phthalocyanines. Photonics & Lasers in Medicine, 5, De Gruyter, 2016, ISSN:(Online) 2193-0643, (Print) 2193-0635, DOI:10.1515/plm-2016-0002, 1-18. SJR:0.214
4. Angelova, V. T., Andreeva-Gateva, P. A., **Vassilev, N. G.**, Tafradjiiska-Hadjiolova, R., Surcheva, S., Tchekalarova, J.. Anticonvulsant activity of newly synthesized 2h-chromene based hydrazones in icr mice. Comptes rendus de l'Acad'emie bulgare des Sciences, 69, 4, Academic Publishing House, 2016, ISSN:ISSN 1310–1331 (Print); ISSN 2367–5535 (Online), 513-520. SJR:0.206, ISI IF:0.233
5. Angelova, V. T., **Vassilev, N. G.**, Nikolova-Mladenova, B., Vitas, J., Malbaša, R., Momekov, G., Djukic, M., Saso, L.. Antiproliferative and antioxidative effects of novel hydrazone derivatives bearing coumarin and chromene moiety. Medicinal Chemistry Research, 25, 9, Springer US, 2016, ISSN:1054-2523(Print); 1554-8120 (Online), DOI:10.1007/s00044-016-1661-4, 2082-2092. ISI IF:1.436
6. Angulo, G., Brucka, M., Gerecke, M., Grampp, G., Jeannerat, D., Milkiewicz, J., **Mitrev Y.**, Radzewicz, C., Rosspeintner, A., Vauthey, E., Wnuk, P.. Characterization of dimethylsulfoxide/glycerol mixtures: a binary solvent system for the study of “friction-dependent” chemical reactivity. Physical Chemistry Chemical Physics, 18, 2016, DOI:DOI: 10.1039/C6CP02997C, 18460-1846. ISI IF:4.449
7. Atanassova, M., **Kurteva, V.**, Dukov, I.. The interaction of extractants during synergistic solvent extraction of metals. Is it an important reaction?. RSC Advances, 6, 84, RSC, 2016, ISSN:2046-2069, DOI:10.1039/C6RA18478B, 81250-81265. ISI IF:3.289

8. Atanassova, M., **Kurteva, V.**, Lubenov, L., Billard, I.. Solvent extraction and separation of light lanthanoids with mixtures of two chelating extractants: benzene vs. ionic liquid. *Separation Science and Technology*, 51, Taylor & Francis, 2016, ISSN:0149-6395 (Print), 1520-5754 (Online), DOI:10.1080/01496395.2015.1088028, 290-299. SJR:0.481, ISI IF:1.171
9. Atanassova, M., **Kurteva, V.**.. Synergism as a phenomenon in solvent extraction of 4f-elements with calixarenes. *RSC Advances*, 6, RSC, 2016, ISSN:2046-2069, DOI:10.1039/C5RA22306G, 11303-1132. ISI IF:3.84
10. Atanassova, M., **Vassilev, N.G.**, Tashev, E., Lachkova, V., **Varbanov, S.**.. Coordination chemistry of a para-tert-octylcalix[4] arene fitted with phosphinoyl pendant arms towards 4f-elements: extraction, synergism, separation. *Separation Science and Technology*, 51, 1, Taylor & Francis, 2016, ISSN:0149-6395 (Print), 1520-5754 (Online), DOI:10.1080/01496395.2015.1078358, 49-56. SJR:0.481, ISI IF:1.171
11. Ballazhi, L., Dogazanska, E., Imeri, F., Jashari, A., Popovski, E., Stojkovic, G., **Mikhova, B.**, Mladenovska, K.. Distribution coefficients of novel coumarin derivatives. *Macedonian Pharmaceutical Bulletin*, 62, Macedonian Pharmaceutical Association, 2016, ISBN:1409-8695, 2
12. Ballazhi, L., Imeri, F., Jashari, A., Popovski, E., Stojkovic, G., Dimovski, A. J., **Mikhova, B.**, Mladenovska, K.. Synthesis, physicochemical characterization and antibacterial activity of novel (benzoylamino)methyl derivatives of quinolones. *Acta Pharmaceutica*, 35, 2, Croatian Pharmaceutical Society, 2016, ISSN:ISSN 1330-0075, eISSN 1846-9558, DOI:doi.org/10.20450/mjcce.2016.919, 179-197. ISI IF:1.62
13. **Bankova, V.**, Bertelli, D., Borba, R., Conti, B.J., da Silva Cunha, I.B., Danert, C., Eberlin, M.N., Falcão, S.I., Isla, M.I., Nieva Moreno, M.I., Papotti, G., **Popova, M.**, Basso Santiago, K., Salas, A., Frankland Sawaya, A.C.H., Schwab, N.V., Sforcin, J.M., Simone-Finstrom, M., Spivak, M., **Trusheva, B.**, Vilas-Boas, M., Wilson, M., Zampini, C.. Standard methods for *Apis mellifera* propolis research. *Journal of Apicultural Research*, 2016, DOI:10.1080/00218839.2016.1222661, ISI IF:2.084
14. **Bankova, V.**, **Popova, M.**, **Trusheva, B.**.. Latest Developments in Propolis Research: Chemistry and Biology. *Chemistry, Biology and Potential Applications of Honeybee Plant-Derived Products* (e-book), 1, Bentham Science Publishers, Sharjah, UAE, 2016, ISBN:978-1-68108-237-0, 45-66
15. **Bankova, V.**, **Popova, M.**, **Trusheva, B.**.. New emerging fields of application of propolis. *Macedonian Journal of Chemistry and Chemical Engineering*, 35, 1, 2016, ISI IF:0.4
16. Botusharov, N., **Stefanova, M.**, **Marinov, S.P.**, Borisova, B.. Biomarker assemblage of Stefanets member (Etropole Fm.) from the Central South Moesian platform margin, Bulgaria. *Comptes rendus de l'Academie Bulgare des Sciences*, 69, 1, BAS, 2016, ISSN:1310-1331, 57-66. SJR:0.21, ISI IF:0.284
17. Breznica-Selmani, P., Mladenovska, K., Dräger, G., **Mikhova, B.**, Panovski, N., Kaftandzieva, A., Kavrakovski, Z., Hoxha, A., Sheqerxhiu, N., Pavlova, M.J., Popovski, E.. Synthesis, physicochemical characterization and antibacterial activity of novel (benzoylamino)methyl derivatives of quinolones. *Macedonian Journal of Chemistry and Chemical Engineering*, 35, 2, Society of Chemists and Technologists of Macedonia, 2016, ISSN:1857-5552; e-ISSN 1857-5625, DOI:doi.org/10.20450/mjcce.2016.919, 179-197. ISI IF:0.459
18. Breznica-Selmani, P., Mladenovska, K., **Mikhova, B.**, Daka, A., Nebija, D., Koshi, B., Kavrakovski, Z., Popovski, E.. Physicochemical properties of novel derivatives of norfloxacin: solubility and pKa.

19. Breznica-Selmani, P., Popovski, E., **Mikhova, B.**, Daka, A., Nebija, D., Koshi, B., Styefanovska, M., Mladenovska, K.. Physicochemical properties of novel derivatives of norfloxacin: distribution coefficient. Macedonian Pharmaceutical Bulletin, 62, Macedonian Pharmaceutical Association, 2016, ISSN:1409-8695, 575-576
20. Chernikova, E. Y., Tkachenko, S. V., Fedorova, O. A., Peregudov, A. S., Godovikov, I. A., Shepel, N. E., Minkovska, S., **Kurutos, A.**, Gadjev, N., Deligeorgiev, T. G., Fedorov, Y. V.. Multistep assembling via intermolecular interaction between (bis)styryl dye and cucurbit[7]uril: Spectral effects and host sliding motion. Dyes and Pigments, 131, Elsevier, 2016, ISSN:0143-7208, DOI:http://dx.doi.org/10.1016/j.dyepig.2016.04.013, 206-214. SJR:1.011, ISI IF:4.055
21. **Dangalov, M.**, Petrov, P., **Vassilev, N. G.**.. Fluxional allyl Pd(II) and Pt(II) complexes of NHC ligands derived from substituted 1,8-naphthalimides - Synthesis and structure elucidation. Journal of Organometallic Chemistry, 824, Elsevier, 2016, ISSN:0022-328X, DOI:10.1016/j.jorganchem.2016.10.010, 104-117. SJR:0.708, ISI IF:2.336
22. **Dangalov, M.**, Stoyanova, M., Petrov, P., Putala, M., **Vassilev, N. G.**.. Fluxional Pd(II) NHC complexes - Synthesis, structure elucidation and catalytic studies. Journal of Organometallic Chemistry, 817, Elsevier, 2016, ISSN:0022-328X, DOI:10.1016/j.jorganchem.2016.05.002, 1-14. SJR:0.708, ISI IF:2.336
23. **Dangalov, M.**, Yordanova, S., Stoyanova, M., Cheshmedzhieva, D., Petrov, P., Stoyanov, S.. 3,4-Diamino naphthalimides and their respective imidazoles – Synthesis, spectroscopic and theoretical investigation. Journal of Molecular Structure, 1125, Elsevier, 2016, DOI:10.1016/j.molstruc.2016.07.018, 705-713. SJR:0.463, ISI IF:1.78
24. **Dimitrov, M.**, **Ivanova, R.**, Velinov, N., Henych, J., Slušná, M., Štengl, V., Mitov, I., **Tsoncheva, T.**.. Mesoporous TiO₂ powders as host matrices for iron nanoparticles. Effect of the preparation procedure and doping with Hf. Nano-Structures and Nano-Objects, 7, 2016, ISSN:2352-507X, 56-63
25. Dimov, D., Nedelchev, L., Nazarova, D., Ivanov, D., Mateev, G., Bubev, E., Georgiev, A., **Yancheva, D.**, Zhivkov, I., Machkova, M.. Application and spectral characterization of vapour deposited 4-aminoazobenzene dyes nanosized films. Bulg. Chem. Commun., 48, 2016, ISSN:0324-1130, 204-207. ISI IF:0.229
26. **Dolashka, P.**, **Dolashki, A.**, Van Beeumen J, Floetenmeyer M, **Velkova, L.**, Stevanovic, S., Voelter, W.. Antimicrobial activity of molluscan hemocyanins from Helix and Rapana snails. Current Pharm. Biotechn 17, 2016, ISI IF:1.8
27. **Doncheva, T.**, Doycheva, I., **Philipov, S.** Alkaloid chemotypes of Glaucium flavum (Papaveraceae) from Bulgaria. Biochemical Systematics and Ecology, 68, Elsevier, 2016, ISSN:03051978, DOI:10.1016/j.bse.2016.06.014, 1-5. SJR:0.44, ISI IF:0.988
28. **Doncheva, T.**, **Yordanova, G.**, Vutov, V., **Kostova, N.**, **Philipov, S.**.. Comparative study of alkaloid pattern of four Bulgarian Fumaria species. Natural Product Communications, 11, 2, 2016, ISSN:1934-578X, 211-212. ISI IF:0.906
29. Dumaa, M., Gerelt-Od, Ya., Javzan, S., Otgonhkishig, D., **Doncheva, T.**, **Yordanova, G.**, **Philipov, S.**, Selenge, S.. GC-MS analysis and antibacterial activity of some fractions from Lagochilus ilicifolius Bge. grown in Mongolia. Mongolian Journal of Chemistry, 16, 42, 2016

30. El-Guendouz, S., Aazza, S., Lyoussi, B., **Bankova, V.**, Lourenço, J.P., Rosa Costa, A.M., Mariano, J.F., Miguel, M.G., Faleiro, M.L.. Impact of biohybrid magnetite nanoparticles and Moroccan propolis on adherence of Methicillin Resistant Strains of Staphylococcus aureus.. *Molecules*, 21, 9, 2016, ISSN:1420-3049, DOI:10.3390/molecules21091208, 1-18. ISI IF:2.465
31. Erto, A., **Tsyntsarski, B.**, Balsamo, M., **Budinova, T.**, Lancia, A., **Petrova, B.**, **Petrov, N.**. Synthesis of Activated Carbons by Thermal Treatments of Agricultural Wastes for CO₂ Capture from Flue Gas. *Combustion Science and Technology*, 188, 4-5, Taylor & Francis, 2016, ISSN:Print ISSN: 0010-2202. Online ISSN: 1563-521X, DOI:10.1080/00102202.2016.1138809, 581-593. SJR:0.93, ISI IF:1.38
32. Fedorova, G.F., **Kancheva, V.D.**, Menshov, V.A., Naumov, V. V., Vasil'ev, R. F., Veprintsev, T. L., Trofimov, A. V., Tsaplev, Y. B., Yablonskaya, O. I.. Exogenous and Endogenous Mediators of Oxygen Metabolism: Alternatives for Chemical and Biological Activity. *Studies in Natural Products Chemistry*, Chapter 11, 357-385, 47, Elsevier, 2016, ISBN:978-0-444-63603, DOI:doi:10.1016/B978-0-444-63603-4.00011-5, 29
33. Foti, M.C., **Slavova-Kazakova, A.**, Rocco, C., **Kancheva, V.D.**. Kinetics of curcumin oxidation by 2,2'-diphenyl-1-picrylhydrazyl (DPPH•):an interesting case of separated couplet proton – electron transfer. *Organic & Biomolecular Chemistry*, 14, Royal Soc. Of Chemistry, 2016, ISSN:ISSN: 2321-4163 .., DOI:doi:10.1039/c6ob01439e, 8331-8337. ISI IF:3.559
34. **Genova, I.**, Nikolov, R., Manoilova, L., Spassova, I., Kovacheva, D., **Tsoncheva, T.**. Copper containing activated carbons as catalysts for methanol decomposition:Effect of preparation procedure and support structure. *Nanosci. Nanotechnol. Nanoscience & Nanotechnology*, 16, 2016, 19-22
35. **Glavcheva, Z.**, **Yancheva, D.**, **Velcheva, E.**, **Stamboliyska, B.**, Petrova, N., Lalev, G., Todorov, V. Analytical Studies Of The Alexandrovo Thracian Tomb Wall Paintings. *Spectrochim. Acta A*, 152, 2016, 622-628. ISI IF:1.166
36. Gonsalvesh, L., **Marinov, S.P.**, Gryglewicz, G., Carleer, R., Yperman, J.. Preparation, characterization and application of polystyrene based activated carbons for Ni(II) removal from aqueous solution. *Fuel Processing Technology*, 149, Elsevier, 2016, ISSN:0378-3820, DOI:http://dx.doi.org/10.1016/j.fuproc.2016.03.024, 75-85. ISI IF:3.847
37. Graikou, K., **Popova, M.**, Grotzi, O., **Bankova, V.**, Chinou, I.. Characterization and biological evaluation of selected Mediterranean propolis samples. Is it a new type?. *LWT - Food Science and Technology*, 65, 2016, ISSN:0023-6438, 261-267. ISI IF:2.416
38. **Gancheva M.**, Stippler E.. Effect of Four Commonly Used Dissolution Media Surfactants on Pancreatin Proteolytic Activity. *AAPS PharmSciTech*, Springer, 2016, ISSN:1530-9932, DOI:10.1208/s12249-016-0618-8, SJR:0.8, ISI IF:1.954
39. **Gancheva, M.**, **Paunova, K.**, Ossowicz, P., Rozwadowski, Z., Janus, E., **Idakieva, K.**, Todinova, S., **Raynova, Y.**, Uzunova, V., Apostolova, S., Tzoneva, R., **Yancheva, D.**. Rapana thomasiana hemocyanin modified with ionic liquids with enhanced anti breast cancer activity.. *International Journal of Biological Macromolecules*, 82, Elsevier, 2016, ISSN:0141-8130, DOI:10.1016/j.ijbiomac.2015.10.031, 798-805. SJR:0.786, ISI IF:2.858
40. Hristov, A., Cristova, N., Kabaivanova, L., Nacheva, L., **Stoineva, I.**, Petrov, P.. Simultaneous Biodegradation of Phenol and n-Hexadecane by Immobilized in Cryogel Biosurfactant Producing Strain Rhodococcus wratislawiensis BN38. *Polish J Microbiol*, 2016, ISSN:ISSN 0137-1320, ISI IF:0.697

41. **Issa, G., Ivanova, R.,** Henych, J., **Dimitrov, M.,** Kovacheva, D., Štengl, V., **Tsoncheva, T.** Mesoporous nanostructured titania doped with Fe, Ce or Zr oxides as catalysts for ethyl acetate oxidation. *Nanoscience & Nanotechnology*, 16, 2016, 15-18
42. **Ivanov, P.** Performance of some DFT functionals with dispersion on modeling of the translational isomers of a solvent-switchable [2]rotaxane. *Journal of Molecular Structure*, 1107, 2016, 31-38. ISI IF:1.602
43. **Ivanova, R., Dimitrov, M.,** Kovacheva, D., **Tsoncheva, T.** Influence of the presence/absence of bulky surfactant during the preparation of nanostructured ceria-zirconia materials on their catalytic performance in ethyl acetate total oxidation. *BULGARIAN CHEMICAL COMMUNICATIONS*, 48, Special Issue G, 2016, ISSN:0324-1130, 125-130. ISI IF:0.229
44. **Ivanova, R., Tsoncheva, T.** Effect of silica support on the formation of catalytic sites in nanostructured Mn-Ce binary oxides. *Nanoscience & Nanotechnology*, 16, 2016, 11-16
45. Jeannerat, D., Pupier, M., Schweizer, S., **Mitrev, Y.,** Favreau, P., Kohler, M.. Discrimination of hexabromocyclododecane from new polymeric brominated flame retardant in polystyrene foam by nuclear magnetic resonance. *Chemosphere*, 144, 2016, DOI:10.1016/j.chemosphere.2015.10.021, 1391-1397. SJR:1.409
46. **Kamenova-Nacheva, M., Dobrikov, G.M., Dimitrov, V.** Synthesis and catalytic application of ferrocene substituted camphane-based aminoalcohols and S-containing heterocyclic analogues. *Tetrahedron: Asymmetry*, 27, Elsevier, 2016, DOI:10.1016/j.tetasy.2016.07.012, 852-864. SJR:0.806, ISI IF:2.108
47. Kolarević, A., Kocić, G., **Yancheva, D.,** Šmelcerović, A.. In silico pharmacokinetic and toxicological study of DNase inhibitors. *Acta Medica Medianae*, 2016, ISSN:0365-4478, DOI:DOI: 10.5633/amm.2016.0401.
48. Koziol, E., Erdogan Orhan, I., Sezer Senol, F., **Alipieva, K.,** Georgiev, M., Skalicka-Wozniak, K.. Development of an Efficient Protocol for Cimifugin Isolation from *Peucedanum schottii* and Evaluation of Enzyme Inhibitory Activity. *Natural Product Communications*, 11, 8, 2016, ISSN:1555-9475, 1107-1110. ISI IF:0.906
49. Kraicheva I., Tsacheva I, Nikolova R., Topashka-Ancheva M., **Stoineva I.,** Shivachev B.. Microwave assisted synthesis and x-ray structure of a novel anthracene-derived aminophosphonate. Enantioseparation of two α -aminophosphonates and genotoxicity in vivo. *Phosphorus, Sulfur, and Silicon and the Related Elements*, Taylor & Francis, 2016, DOI:10.1080/10426507.2016.1247086, SJR:0.247
50. **Kurutos, A.,** Crnolatac, I., Orehovec, I., Gadjev, N., Piantanida, I., Deligeorgiev, T.. Novel synthetic approach to asymmetric monocationic trimethine cyanine dyes derived from N-ethyl quinolinium moiety. Combined fluorescent and ICD probes for AT-DNA labelling. *Journal of Luminescence*, 174, Elsevier, 2016, ISSN:0022-2313, DOI:http://dx.doi.org/10.1016/j.jlumin.2016.01.035, 70-76. SJR:0.813, ISI IF:2.693
51. **Kurutos, A.,** Gadjev, N., Šmidlehner, T., Minkovska, S., Piantanida, I., Deligeorgiev, T.. 2,3-Dimethylbenzoxazolium Methosulfate. *Molbank*, 2016, 1, MDPI AG, 2016, ISSN:1422-8599, DOI:doi:10.3390/M889
52. **Kurutos, A.,** Ryzhova, O., Tarabara, U., Trusova, V., Gorbenko, G., Gadjev, N., Deligeorgiev, T.. Novel synthetic approach to near-infrared heptamethine cyanine dyes and spectroscopic

characterization in presence of biological molecules. Journal of Photochemistry and Photobiology A: Chemistry, 328, 1, Elsevier, 2016, ISSN:1010-6030, DOI:http://dx.doi.org/10.1016/j.jphotochem.2016.05.019, 87-96. SJR:0.743, ISI IF:2.477

53. **Kurutos, A.**, Ryzhova, O., Trusova, V., Gorbenko, G., Gadjev, N., Deligeorgiev, T.. Symmetric Meso-Chloro-Substituted Pentamethine Cyanine Dyes Containing Benzothiazolyl/Benzoselenazolyl Chromophores Novel Synthetic Approach and Studies on Photophysical Properties upon Interaction with bio-Objects. Journal of Fluorescence, 26, 1, Springer, 2016, DOI:doi:10.1007/s10895-015-1700-4, 177-187. ISI IF:1.601
54. **Kurutos, A.**, Ryzhova, O., Trusova, V., Tarabara, U., Gorbenko, G., Gadjev, N., Deligeorgiev, T.. Novel asymmetric monomethine cyanine dyes derived from sulfobetaine benzothiazolium moiety as potential fluorescent dyes for non-covalent labeling of DNA. Dyes and Pigments, 130, Elsevier, 2016, ISSN:0143-7208, DOI:http://dx.doi.org/10.1016/j.dyepig.2016.03.021, 122-128. SJR:1.011, ISI IF:4.055
55. Luong, T. K. N., Mihaylov, Tz., Absillis, G., **Shestakova, P.**, Pierloot, K., Parac-Vogt, T.. Phosphate Ester Bond Hydrolysis Promoted by Lanthanide-Substituted Keggin type Polyoxometalates Studied by a Combined Experimental and Density Functional Theory Approach. Inorg. Chem., 55, 19, American Chemical Society, 2016, ISSN:0020-1669, DOI:10.1021/acs.inorgchem.6b01802, 9898-9911. ISI IF:4.82
56. Luong, T. K. N., **Shestakova, P.**, Absillis, G., Parac-Vogt, T.. Detailed Mechanism of Phosphoanhydride Bond Hydrolysis Promoted by a Binuclear ZrIV-Substituted Keggin Polyoxometalate Elucidated by a Combination of 31P, 31P DOSY and 31P EXSY NMR Spectroscopy. Inorg. Chem. 55, -(2016); IF, 55, 10, American Chemical Society, 2016, ISSN:0020-1669, DOI:10.1021/acs.inorgchem.6b00385, 4864-4873. ISI IF:4.82
57. Luong, T. K. N., **Shestakova, P.**, Parac-Vogt, T.. Kinetic studies of phosphoester hydrolysis promoted by a dimeric tetrazirconium(IV) Wells-Dawson polyoxometalate. Dalton Trans., 45, Royal Society of Chemistry, 2016, ISSN:1477-9226, DOI:10.1039/C6DT02211A, 12174-12180. ISI IF:4.177
58. **Mantareva, V.**, Durmus, M., **Aliosman, M.**, **Stoineva, I.**, **Angelov, I.**. Lutetium(III) acetate phthalocyanines for photodynamic therapy applications: Synthesis and photophysicochemical properties. Photodiagnosis and Photodynamic Therapy, 14, Elsevier, 2016, ISSN:1572-1000, DOI:http://dx.doi.org/doi:10.1016/j.pdpdt.2016.02.008, 98-103. ISI IF:2.308
59. **Mantareva, V.**, Kussovski, V., **Angelov, I.**. Cationic Metal Phthalocyanines as Effective Photosensitizers Towards Pathogenic Microorganisms, In: Photosensitizers: Types, Uses and Applications, ed. Cody Whitmire. Chemistry Research and Applications, Nova Science Publishers, Inc., 2016, ISBN:978-1-53610-173-7, 34, 115-148
60. **Mantareva, V.**, Kussovski, V., Durmus, M., Borisova, E., **Angelov, I.**. Photodynamic inactivation of pathogenic species *Pseudomonas aeruginosa* and *Candida albicans* with lutetium (III) acetate phthalocyanines and specific light irradiation. Las Med Sci, 31, 8, Springer, 2016, ISSN:0268-8921 (Print) 1435-604X (Online), DOI:10.1007/s10103-016-2022-8, 1591-1598. ISI IF:2.461
61. **Mantareva, V.**. Fluorescence spectroscopy as useful method to predict photodynamic efficacy. EPA Newsletter, 2, European Photochemical Association, 2016, 88-91
62. Marchev, A., Yordanova, Z., **Alipieva, K.**, Zahmanov, G., Rusinova-Videva, S., Kapchina-Toteva, V., **Simova, S.**, **Popova, M.**, Georgiev, M.I.. Genetic transformation of rare *Verbascum eriophorum*

63. Marinov, M., Naydenova, E., Prodanova, R., **Markova, N.**, Marinova, P., Kostova, I., Valcheva, I., Draganova, D., Naydenov, M., Penchev, P., Stoyanov, N.. SYNTHESIS, CHARACTERIZATION, THEORETICAL CALCULATIONS AND ANTIMICROBIAL STUDIES OF SUBSTITUTED 3-AMINOCYCLOHEXANESPIRO-5-HYDANTOINS. *Agricultural Sciences*, 8, 19, Academic Publishing House of the Agricultural University, 2016, ISSN:2367-5772, 117-122
64. Markova, K., **Stefanova, M.**, Milakowska, Zl., **Marinov, S.P.**. A comparison of black claystones, lignites and dump materials from Maritsa Iztok Coal Basin, Bulgaria using organic geochemical proxies. *Chemie der Erde/Geochemistry*, 76, Elsevier, 2016, ISSN:0009-2819, DOI:DOI: 10.1016/j.chemer.2016.06.002, 405-417. ISI IF:1.27
65. Mavrova, A. Ts., Dimov, S., **Yancheva, D.**, **Rangelov, M.**, Wesselinova, D., Tsenov, J. A.. Synthesis, anticancer activity and photostability of novel 3-ethyl-2-mercapto-thieno[2,3-d]pyrimidin-4(3H)-ones. *Eur. J. Med. Chem.*, 123, Elsevier, 2016, ISSN:0223-5234, DOI:DOI: 10.1016/j.ejmech.2016.07.022., 69-79. ISI IF:3.902
66. **Mees, M.**, Haladjova, E., Momekova, D., Momekov, G., **Shestakova, P.**, Tsvetanov, Ch., Hoogenboom, R., Rangelov, S.. Partially hydrolyzed poly(n-propyl-2-oxazoline): synthesis, aqueous solution properties and preparation of gene delivery systems.. *Biomacromolecules*, 17, 11, American Chemical Society, 2016, ISSN:1525-7797, DOI:10.1021/acs.biomac.6b01088, 3580-3590. ISI IF:5.583
67. **Mitrev Y.**, Mehandzhiyski, A., Batovska, D., Liese, A., Galunsky, B.. Original enzyme-catalyzed synthesis of chalcones: Utilization of hydrolase promiscuity. *Journal of the Serbian Chemical Society*, 81, 11, 2016, DOI:doi:10.2298/JSC160422069M, 1231-1237. ISI IF:0.87
68. **Mitrev, Y.**, **Simova, S.**, Jeannerat, D.. NMR analysis of weak molecular interactions using slice-selective experiments via study of concentration gradients in agar gels. *Chemical Communications*, 52, 31, 2016, DOI:10.1039/c6cc01853j, 5418-5420. ISI IF:6.384
69. Mogileva, T. N., **Angelov, I. P.**, **Mantareva, V. N.**, **Eneva, I. Z.**, Mikheev, G. M.. Luminescence spectrum of dyes based on zinc phthalocyanine with galactopyranosyl radicals. *Chemical Physics and Mesoscopics*, 18, 2, Udmurt Scientific Center UB RAS; Institute of Mechanics UB RAS, 2016, ISSN:1727-0529 (online), 1727-0227 (print), DOI:UDC: 547.97+535.37, 281-188. ISI IF:0.061
70. **Momchilova, S.**, **Nikolova-Damyanova, B.**. Silver-ion Chromatography of Fatty Acids. *Encyclopedia of Lipidomics*, Springer Netherlands, 2016, ISBN:978-94-007-7864-1, DOI:10.1007/978-94-007-7864-1_75-1, 6, 1-6
71. **Momchilova, S.M.**, **Taneva, S.P.**, **Dimitrova, R.D.**, **Totseva, I.R.**, **Antonova, D.V.**. Evaluation of authenticity and quality of argan oils sold on the Bulgarian market. *La Rivista Italiana delle Sostanze Grasse*, XCIII, (Apr.-Jun.), Stazione sperimentale per l'industria degli olii e dei grassi, 2016, ISSN:0035-6808, 95-103. SJR:0.204, ISI IF:0.42
72. **Momchilova, Sv.**, Arpadjan, S., Blagoeva, E.. Accumulation of Microelements (Cd, Cu, Fe, Mn, Pb, Zn) in Walnuts (*Juglans regia* L.) from Bulgaria Depending on the Cultivar and the Harvesting Year. *Bulgarian Chemical Communications*, 48, 1, *Journal of the Chemicals Institutes of the Bulgarian Academy of Sciences and of the Union of Chemists in Bulgaria*, 2016, ISSN:0324-1130, 50-54. ISI IF:0.23

73. **Nedeltcheva-Antonova, D., Antonov, L.** Controlled Tautomerism: Is It Possible?. Tautomerism: Concepts and Applications in Science and Technology, Wiley-VCH, 2016, ISBN:9783527339952, DOI:10.1002/9783527695713.ch12, 22, 273-294
74. **Nedeltcheva-Antonova, D., Ivanova, D., Antonov, L., Abe, I.** Insight into the aroma profile of Bulgarian tobacco absolute oil. Industrial Crops and Products, 94, Elsevier, 2016, DOI:10.1016/j.indcrop.2016.08.047, 226-232. SJR:1.064, ISI IF:3.449
75. **Nikolova, V., Angelova, S., Markova, N., Dudev, T.** Gallium as a Therapeutic Agent: A Thermodynamic Evaluation of the Competition between Ga³⁺ and Fe³⁺ Ions in Metalloproteins. The Journal of Physical Chemistry B, 120, ACS Publications, 2016, DOI:10.1021/acs.jpcc.6b01135, 2241-2248. ISI IF:3.302
76. **Nikolova-Mladenova, B., Angelova, S., Ivanov, D., Bakalova, A.** Synthesis and Structural Study of Ga(III) complexes with 3-, 4- and 5-methoxy Substituted Salicylaldehyde Benzoylhydrazones. Zbornik referatov Slovenski kemijski dnevi 2016, 28.–30. september, Portorož, 2016
77. **Ognyanov, M., Remoroza, C., Schols, H. A., Georgiev, Y., Kratchanova, M., Kratchanov, Chr.** Isolation and structure elucidation of pectic polysaccharide from rose hip fruits (*Rosa canina* L.). Carbohydrate Polymers, 151, Elsevier, 2016, DOI:10.1016/j.carbpol.2016.06.031, 803-811. ISI IF:4.219
78. **Petrov, P., Tsvetanov, C., Mokreva, P., Yoncheva, K., Konstantinov, S., Trusheva, B., Popova, M., Bankova, V.** Novel micellar form of poplar propolis with high cytotoxic activity. RSC Advances, 6, 36, Royal Society of Chemistry, 2016, DOI:10.1039/c6ra03577a, 30728-30731. ISI IF:3.84
79. **Popova, A., Stefanova, M., Marinov, S.P.** FTIR spectra of leonardite and lignite humic acids. БДХБ, 2016, ISBN:ISBN 978-619-90189-2, 276-284
80. **Popova, A., Stoyanov, S., Yancheva, D.** Generation and combined study on the chemical structure of nitrofurantoin radical anion. Macedonian pharmaceutical bulletin, 62, 2016, ISSN:1409 - 8695, 241-242
81. **Popova, M., Szegedi, Á., Lazarova, H., Dimitrov, M., Kalvachev, Y., Atanasova, G., Ristić, A., Wilde, N., Gläser, R.** Influence of the preparation method of sulfated zirconia nanoparticles for levulinic acid esterification. Reaction Kinetics, Mechanisms and Catalysis, 2016, ISSN:18785190, DOI:10.1007/s11144-016-1088-4, 1-13. ISI IF:1.2
82. **Popova, M., Szegedi, Á., Lazarova, H., Ristić, A., Kalvachev, Y., Atanasova, G., Wilde, N., Tušar, N.N., Gläser, R.** Synthesis of biomass derived levulinate esters on novel sulfated Zr/KIL-2 composite catalysts. Microporous and Mesoporous Materials, 235, 2016, ISSN:1387-1811, DOI:10.1016/j.micromeso.2016.07.047, 50-58. ISI IF:3.35
83. **Popova, M., Trendafilova, I., Szegedi, A., Mihály, J., Nemeth, P., Marinova, S., Aleksandrov, H., Vayssilov, G.** Experimental and theoretical study of quercetin complexes formed on pure silica and Zn-modified mesoporous MCM-41 and SBA-16 materials. Microporous and Mesoporous Materials, 228, 2016, ISSN:1387-1811, DOI:10.1016/j.micromeso.2016.04.001, 256-265. ISI IF:3.35
84. **Quanten, T., Shestakova, P., Kirschhock, C., Van Den Bulck, D., Parac-Vogt, T.** Interaction Study and Reactivity of Zr(IV) Substituted Wells Dawson Polyoxometalate towards Hydrolysis of Peptide Bonds in Surfactant Solutions. Chem. Eur. J., 22, 11, Wiley, 2016, ISSN:1521-3765, DOI:10.1002/chem.201503976, 3775-3784. ISI IF:5.771

85. Remichkova, M., Mukova, L., Nikolaeva-Glomb, L., Nikolova, N., Doumanova, L., **Mantareva, V., Angelov, I.**, Kussovski, V., Galabov, A.. Virus inactivation under the photodynamic effect of phthalocyanine zinc(II) complexes. *Z. Naturforsch. C, De Gruyter*, 2016, DOI:10.1515/znc-2016-0119, 1-6. SJR:0.247, ISI IF:0.716
86. **Simeonov S. P.**, Afonso C. A. M.. Basicity and Stability of the Urea Deep Eutectic Mixtures. *RSC Advances*, 6, RSC publishing, 2016, DOI:10.1039/C5RA24558C, 5485-5490. ISI IF:3.84
87. **Simeonov S. P.**, Coelho J. A. S., Afonso C. A. M.. Synthesis of 5-(Hydroxymethyl)furfural (HMF). *Organic Synthesis*, 2016, ISSN:ISSN 2333-3553, DOI:10.15227/orgsyn.093.0029, 29-36
88. **Simeonov, S. P.**, Nunes, J. P. M., Guerra, K., **Kurteva, V. B.**, Afonso, C. A. M.. Synthesis of chiral cyclopentenones. *Chemical Reviews*, 116, ACS, 2016, ISSN:0009-2665, DOI:10.1021/cr500504w, 5744-5893. SJR:16.316, ISI IF:46.568
89. Simonovska, J., **Yancheva, D.**, **Mikhova, B.**, Knez, Z., Primožic, M., Kavrakovski, Z., Rafajlovska, V.. Spectral analysis of extracts from hot red pepper (*Capsicum annuum* L.). *Macedonian Pharmaceutical Bulletin*, 62, Macedonian Pharmaceutical Association, 2016, ISSN:1409-8695, 491-492
90. **Slavova-Kazakova, A.**, Karamac, M., **Kancheva, V.**, Amarowicz, R.. Antioxidant activity of Flaxseed extracts in lipid systems. *Molecules*, 21, 17, MDPI, 2016, ISSN:1420-3049, DOI:10.3390/molecules21010017, ISI IF:2.791
91. Stavrakov, G., **Philipova, I.**, Valcheva, V., Momekov, M.. Isobornylamine and bornylamine derived amides with antimycobacterial activity. *BULGARIAN CHEMICAL COMMUNICATIONS*, 48, 1, Bulgarian Academy of Sciences, Union of Chemists in Bulgaria, 2016, ISSN:0324-1130, 43-49. ISI IF:0.229
92. Stavrakov, G., **Philipova, I.**, Zheleva, D., Atanasova, M., Konstantinov, S., Doytchinova, I.. Docking-based design of galantamine derivatives with dual-site binding to acetylcholinesterase. *Molecular Informatics*, 35, 6-7, Wiley - VCH, 2016, ISSN:1868-1743, DOI:10.1002/minf.201600041, 278-285. SJR:0.599, ISI IF:1.57
93. Stavrakov, G., Valcheva, V., Voynikov, Y., **Philipova, I.**, Atanasova, M., Konstantinov, S., Peikov, P., Doytchinova, I.. Design, synthesis and antimycobacterial activity of novel theophylline-7-acetic acid derivatives with amino acid moieties. *Chemical Biology and Drug Design*, 87, 3, Wiley-Blackwell, 2016, ISSN:1747-0285, DOI:10.1111/cbdd.12676, 335-341. SJR:0.815, ISI IF:2.802
94. **Stefanova, M.**, L. Gonsalvesh, **S.P.Marinov, A. Popova**, J. Czech, R. Carleer, J. Yperman. Pyrolytic Evaluation of Stanjanci lignites, Sofia coal basin.. *J.Chem.Tech.&Metal.*, 51, 5, 2016, ISSN:1314-7471, 519-524
95. **Stefanova, M.**, Gonsalvesh, L., Marinov, S.P., Czech, J., Carleer, R., Yperman, J.. Reductive pyrolysis of Miocene-aged lignite humic acids, Bulgaria. *Fuel*, 165, Elsevier, 2016, ISSN:0016-2361, DOI:http://dx.doi.org/10.1016/j.fuel.2015.10.032, 324-330. ISI IF:3.611
96. **Stefanova, M.**, Gonsalvesh, L., **Marinov, S.P.**, **Popova, A.**, Czech, J., Carleer, R., Yperman, J.. An overview on reductive pyrolysis of lignite humic acids study: Scope and application. *БДХБ*, 2016, ISBN:ISBN 978-619-90189-2, 266-276

97. **Stefanova, M.**, Simoneit, B.R.T., **Marinov, S.P.**, Zdravkov, A., Kortenski, J.. Novel polar biomarkers of the Miocene Maritza-East lignite, Bulgaria. *Organic Geochemistry*, 96, 6, Elsevier, 2016, ISSN:0146-6380, DOI:10.1016/j.orggeochem.2016.03.002, 1-10. ISI IF:3.248
98. Stenzl, A., **Dolashki, A.**, Stevanovic, S., Voelter, W., Aicher, W., **Dolashka, P.**. Cytotoxic Effects of Rapana venosa Hemocyanin on Bladder Cancer Permanent Cell Lines. *Journal of US-China Medical Science*, 2016, ISI IF:0.827
99. Stoilova I., Georgiev M., Trifonova D., Dimitrova S, **Denev P.**, Krastanov A.. Scavenge radical ability and inhibition of lipid autooxidation of extracts from antarctic yeast strain *sporobolomyces salmonicolor* AL1 biomass. *European Journal of Biomedical and Pharmaceutical Sciences*, 3, 2, 2016, 95-99
100. Stoyanova, A., Nikolova, I., Puerstinger, G., **Dobrikov, G.**, **Dimitrov, V.**, **Philipov, S.**, Galabov, A.S.. Anti-enteroviral triple combination of viral replication inhibitors: activity against coxsackievirus B1 neuroinfection in mice. *Antiviral Chemistry and Chemotherapy*, SAGE, 2016, ISSN:0956-3202, DOI:10.1177/2040206616671571, SJR:0.591
101. **Stoycheva, I.**, **Petrova, B.**, **Tsyntsarski, B.**, **Budinova, T.**, **Petrov, N.**, Nagel, B., Szeluga, U., Pusz, S., Chajkowska, S., Trzebicka, B.. Removal of mercury from contaminated water by activated carbon produced from waste coal and biomass materials. *Bulgarian Chemical Communications*, 48, 4, Bulgarian Academy of Sciences, 2016, ISSN:0324-1130, 613-618. SJR:0.144, ISI IF:0.229
102. **Stoycheva, I.**, **Tsyntsarski, B.**, **Petrova, B.**, **Budinova, T.**, **Petrov, N.**. New carbon adsorbent from polymer waste for effective removal of mercury from water. *Desalination and Water Treatment*, 57, 33, Taylor & Francis, 2016, ISSN:1944-3994 (Print); 1944-3986 (Online), DOI:10.1080/19443994.2015.1073178, 15435-15444. SJR:0.43, ISI IF:1.173
103. Talla, E., Tamfu, A.N., Gade, I.S., Yanda, L., Mbafor, J.T., Laurent, S., Vander Elst, L., **Popova, M.**, **Bankova, V.**. New mono-ether of glycerol and triterpenes with DPPH radical scavenging activity from Cameroonian propolis. *Natural Product Research*, 2016, ISSN:14786419, DOI:10.1080/14786419.2016.1253077., ISI IF:1.057
104. Tamfu, A.N., Domgnim, M.E.C., Talla, E., Tan, P.V., Mbafor, T.J., **Popova, M.**, **Bankova, V.**. Chemical constituents and anti-ulcer activity of propolis from the North-West of Cameroon. *Research Journal of Phytochemistry*, 10, 2, 2016, DOI:10.3923/rjphyto.2016.45.57, 45-57. ISI IF:0.44
105. **Tavlinova-Kirilova, M.**, **Marinova, M.**, Angelova, P., **Kamenova-Nacheva, M.**, **Kostova, K.**, **Dimitrov, V.**. Three component condensation of Betti-type – efficient tool for synthesis of chiral naphthoxazines and aminobenzylnaphthols for enantioselective diethylzinc addition to aldehydes. *Bulgarian Chemical Communications*, 48, 4, Bulgarian Academy of Sciences, Union of Chemists in Bulgaria, 2016, ISSN:0324-1130, 705-712. ISI IF:0.229
106. Taylor, P., **Antonov, L.**. The Fault Line in Prototropic Tautomerism. *Tautomerism: Concepts and Applications in Science and Technology*, Wiley-VCH, 2016, ISBN:9783527339952, DOI:10.1002/9783527695713.ch5, 18, 95-112
107. Taylor, P., **Antonov, L.**. “Triage” for Tautomers: The Choice between Experiment and Computation. *Tautomerism: Concepts and Applications in Science and Technology*, Wiley-VCH, 2016, ISBN:9783527339952, DOI:10.1002/9783527695713.ch2, 23, 11-34

108. Todinova, S., **Gancheva, M., Yancheva, D.** Thermal and conformational stability of insulin in the presence of imidazolium-based ionic liquids. *J. Therm. Anal. Calorim.*, 123, 2016, DOI:10.1007/s10973-016-5287-z, 2591-2598. ISI IF:1.781
109. **Todorova, M., Trendafilova, A.,** Vitkova, A., Petrova, M., Zayova, E., **Antonova, D.** Developmental and Environmental Effects on Sesquiterpene Lactones in Cultivated *Arnica montana* L.. *Chemistry & Biodiversity*, 13, 8, Wiley-VHCA AG, 2016, ISSN:1612-1880, DOI:10.1002/cbdv.201500307, 976-981. SJR:0.54, ISI IF:1.444
110. **Todorova, S., Kurteva, V.,** Shivachev, B., Nikolova, R. P.. Crystal structures of novel polydentate N,O-ligands. *Acta Crystallographica*, A72 Supplement, 2016, ISSN:2053-2733, DOI:https://doi.org/10.1107/S2053273316094110, s403-s403. ISI IF:2.333
111. Todorova,T., Kalvachev,Y., **Lazarova,H., Popova,M.** Catalytic activity of modified mordenite in the reaction of m-xylene transformation. *Comptes Rendus de L'Academie Bulgare des Sciences*, 69, 2016, ISSN:13101331, 1283-1290. SJR:0.206, ISI IF:0.265
112. **Trendafilova, I,** Szegedi, A., Yoncheva, K., **Shestakova, P.,** Mihály, J., Ristic, A., Konstantinov, S., **Popova, M.** A pH dependent delivery of mesalazine from polymer coated and drug-loaded SBA-16 systems.. *Eur. J. Pharm. Sci.*, 81, Elsevier, 2016, ISSN:0928-0987, DOI:10.1016/j.ejps.2015.10.003, 75-81. ISI IF:3.773
113. **Trendafilova, I., Popova, M.,** Szegedi, A., Yoncheva, K., Mihály, J, Ristić, A., Konstantinov, S.. A pH dependent delivery of mesalazine from polymer coated and drug-loaded SBA-16 systems. *European Journal of Pharmaceutics*, 81, Elsevier, 2016, ISSN:0939-6411, DOI:10.1016/j.ejps.2015.10.003, 75-81. SJR:0.892, ISI IF:3.8
114. **Trusheva, B.,** Stancheva, K., Gajbhiye, N., **Dimitrova, R., Popova, M.,** Saraf, R., **Bankova, V.** Two New Prenylated Stilbenes with an Irregular Sesquiterpenyl Side Chain from Propolis from Fiji Islands. *Records of Natural Products*, 10, 4, 2016, 465-471. ISI IF:0.868
115. **Tsoncheva, T., Ivanova, R., Dimitrov, M.,** Paneva, D., Kovacheva, D., Henych, J., Vomáčka, P., Kormunda, M., Velinov, N., Mitov, I., Štengl, V.. Template-assisted hydrothermally synthesized iron-titanium binary oxides and their application as catalysts for ethyl acetate oxidation. *Applied Catalysis A: General*, 528, 2016, 24-35. SJR:1.234, ISI IF:4.012
116. **Tsoncheva, T.,** Mileva, A., Paneva, D., **Genova, I.,** Kovacheva, D., Spassova, I., Petrov, N., Mitov, I.. Iron and zinc oxide nanoparticles hosted in activated carbon from waste polyolefin wax as catalysts in methanol decomposition. *Nanoscience & Nanotechnology*, 16, 2016, 23-26
117. **Tsoncheva,T., Ivanova, R.,** Henych, J., Velinov, N., Kormunda, M., **Dimitrov, M.,** Paneva, D., Slušná, M., Mitov, I., Štengl, V.. Iron oxide modified titania-hafnia binary oxides: Preparation, characterization and catalytic behavior in ethyl acetate oxidation. *Catalysis Communications*, 81, 2016, 14-19. SJR:1.029, ISI IF:3.389
118. **Tsoncheva,T.,** Mileva ,A., Paneva, D., Kovacheva, D., Spassova, I., Nihtianova, D., Markov, P., **Petrov, N.,** Mitov, I.. Zinc ferrites hosted in activated carbon from waste precursors as catalysts in methanol decomposition. *Microporous and Mesoporous Materials*, 229, 2016, 59-67. SJR:1.243, ISI IF:3.349
119. Tzvetkov, G., **Tsyntsarski, B.,** Balashev, K., Spassov, T.. Microstructural investigations of carbon foams derived from modified coal-tar pitch. *Micron*, 89, Elsevier, 2016, ISSN:0968-4328, DOI:10.1016/j.micron.2016.07.006, 34-42. SJR:0.868, ISI IF:1.932

120. Tzvetkov, N.T., Neumann, B., Stammler, H.-G., **Antonov, L.** A simple approach to multifunctionalized N1-alkylated 7-amino-6-azaoxindole derivatives using their in situ stabilized tautomer form. *Tetrahedron*, 72, 41, Elsevier, 2016, ISSN:0040-4020, DOI:10.1016/j.tet.2016.08.055, 6455-6466. SJR:0.814, ISI IF:2.645
121. **Velcheva E.A., Glavcheva Z. I., Stamboliyska B.A.** IR spectral and structural changes caused by the conversion of acetanilide into azanion. *BULGARIAN CHEMICAL COMMUNICATIONS*, 48, 3, BULGARIAN ACAD SCIENCE, 2016, ISSN:0324-1130, 514-520. ISI IF:0.349
122. Velinov, N., Petrova, T., **Tsoncheva, T., Genova, I.**, Koleva, K., Mitov, I. Auto-Combustion Synthesis, Mössbauer Study and Catalytic Properties of Copper-Manganese Ferrites. *Hyperfine Interactions*, Springer, 2016, ISSN:1572-9540, SJR:0.307, ISI IF:0.21
123. **Yancheva, D., Velcheva, E., Glavcheva, Z, Stamboliyska, B,** Smelcerovic, A.. Insights in the radical scavenging mechanism of syringaldehyde and generation of its anion. *Journal of Molecular Structure*, 1108, Elsevier, 2016, DOI:org/10.1016/j.molstruc.2015.12.054, 552-559. ISI IF:1.78
124. Yoncheva, K., Tzankov, B., **Popova, M.**, Petrova, V., Lambov, N.. Evaluation of Stability of Mesoporous Silica Nanoparticles and Their Further Formulation in Tablet Form. *Journal of Dispersion Science and Technology*, 37, 1, Taylor & Francis, 2016, ISSN:0193-2691, 113-118. ISI IF:1.11
125. de Groot, A.C., **Popova, M.P., Bankova, V.S.** Propolis. Eigenschappen, toepassingen, samenstelling, contactallergie, de allergenen en plakproeven. *Nederlands Tijdschrift voor Dermatologie en Venerologie*, 28, 2016, 331-335
126. Šmelcerović, Ž., Tomović, K., **Yancheva, D.**, Cherneva, E., Kocić, G., Petronijević, Ž.. Xanthine oxidase inhibitory properties and in silico study of three n-(α -bromoacyl)- α -amino esters. *Acta Medica Medianae*, 2016, DOI:DOI: 10.5633/amm.2016.0402.
127. МОГИЛЕВА Т. Н., **АНГЕЛОВ И. П., МАНТАРЕВА В. Н., ЕНЕВА И. З., МИХЕЕВ Г. М.** СПЕКТРЫ ЛЮМИНЕСЦЕНЦИИ КРАСИТЕЛЕЙ НА ОСНОВЕ ФТАЛОЦИАНИНА ЦИНКА С ГАЛАКТОПИРАНОЗИЛОВЫМИ РАДИКАЛАМИ. *ХИМИЧЕСКАЯ ФИЗИКА И МЕЗОСКОПИЯ*, 18, 2, Институт механики Уральского отделения Российской академии наук, 2016, ISSN:1727-0227; 1727-0529, 281-288
128. Маркова, К., **Стефанова, М.**, Милаковска, З., **Маринов, Ст.** Процеси на трансформация на органичното вещество протичащи в насипища от Източномаишкия басейн”. *БДХВ*, 2016, ISBN:ISBN 978-619-90189-2, 223-232

- **Звено: (ИОХЦФ)** Институт по органична химия с център по фитохимия
- **Година:** 2016 ÷ 2016
- **Тип записи:** Всички записи

Брой цитирани публикации: 739

Брой цитиращи източници: 2481

1982

1. **Bankova, V.**, Popov, S., Marekov, N.. HPLC analysis of flavonoids from propolis. Journal of Chromatography A, 242, 1, 1982, ISSN:0021-9673, 135-143. ISI IF:4.169

Цитира се в:

1. Promsan S., Jaikumkao K., Pongchaidecha A., Chattipakorn N., Chatsudthipong V., Arjinajarn P., Pompimon W., Lungkaphin A.. Can J Physiol Pharmacol. 94(8), 808-818, @2016

1983

2. **Bankova, V.**, Popov, S., Marekov, N.. A study on flavonoids from propolis. Journal of Natural Products, 46, 1983, ISSN:0163-3864, 471-474. ISI IF:3.798

Цитира се в:

2. Al-Ghamdi, A.A., Bayaqaob, N.I.M., Rushdi, A.I., Alattal, Y., Simoneit, B.R.T., El-Mubarak, A.H., Al-Mutlaq, K.F. Saudi Journal of Biological Sciences (2016)*, doi: <http://dx.doi.org/10.1016/j.sjbs.2016.12.012>, @2016
3. Salman, H.D. International Journal of Science and Research 5(4), 1514 – 1521, @2016
4. Han, H., Bai, X., Zhang, N., Zhao, D., Wei, K., Zhang, C., Li, M. Food Science and Technology Research 22(3), 371-376, @2016
5. Machorowska-Pieniążek, A., M. Skucha-Nowak, A. Mertas, M. Tanasiewicz, I. Niedzielska, T. Morawiec, S. Baron. eCAM Volume 2016, Article ID 2038407, 10 pages, @2016
3. **Simova, S.**, Radeglia, R., Fanghänel, E.. 1,2,3-Triazabutadiene. XV. Einfluß der Substituenten auf die 15N- und 13C-chemischen Verschiebungen in Triazabutadienen und Azobenzenen. Journal für Praktische Chemie, 324, 5, WILEY-VCH Verlag GmbH, 1983, ISSN:1521-3897, DOI:10.1002/prac.19823240511, 777-786. ISI IF:6.453

Цитира се в:

6. Le Corre, L., Lang, M.C.D., Garbay, C., Gravier-Pelletier, C., Ethève-Quelquejeu, M., Braud, E., Synthesis of multifunctionalized 2-iminothiazolidin-4-ones and their 2-arylimino derivatives, Synthesis, 48(24), pp. 4569-4579, @2016
4. Ognyanov, I., **Todorova, M.**, Dimitrov, V., Ladd, J., Irngartinger, H., Kurda, E., Rodewald, H.. Cis-longipinane-2,7-dione, a sesquiterpene diketone in flowers of Tanacetum vulgare. Phytochemistry, 22,

Цитирана се е:

7. Structural Characterization of Kadcocinin A: A Sesquiterpenoid with a Tricyclo[4.4.0.0³, 10]decane Scaffold from Kadsura coccinea, @2016

1984

5. Petkov,D., **Stoineva, I.** Enzyme Peptide Synthesis by an Iterative Procedure in a Nucleophile Pool. Elsevier, 25, 34, Tetrahedron Lett. 25 (1984) 3751-3754., 1984, ISSN:0040-4039, 3751-3754. ISI IF:2.379

Цитирана се е:

8. Pitzer, J., & Steiner, K. (2016). Amides in Nature and Biocatalysis. Journal of Biotechnology, doi:10.1016/j.jbiotec.2016.03.023, @2016
6. Radeaglia, R., Wolff, R., Steiger, T., **Simova, S.**, Fanghänel, E.. Zum Einfluß der Z/E-Isomerie auf die 15N-13C-Kopplungskonstanten 2,3J(15N-13C) von aromatischen Azo- und Diazo-Verbindungen. Journal für Praktische Chemie, 326, 3, Wiley, 1984, ISSN:0941-1216, DOI:10.1002/prac.19843260321, 511-514. SJR:0.169, ISI IF:0.606

Цитирана се е:

9. Patil, S., Bugarin, A., Fifty years of pi-conjugated triazenes, European Journal of Organic Chemistry, 5, pp. 860-870., @2016

1986

7. **Bankova, V.**, Mollova, N., Popov, S.. CI MS with amines as reactant gases. I. Amine CI MS of flavonoid aglycones. Organic Mass Spectrometry, 21, 1986, ISSN:0030-493X, 109-116

Цитирана се е:

10. Raza, A.R., Sultan A., Ullah N., Janjua M.R.S..A, Khan K.M. Mod Chem appl 4: 173., @2016

1987

8. Lazarov, L., **Marinov, S.P.** Modelling the structure of a coking coal. Fuel Processing Technology, 15, Elsevier, 1987, ISSN:0378-3820, DOI:doi:10.1016/0378-3820(87)90062-2, 411-422. SJR:1.571, ISI IF:4.031

Цитирана се е:

11. Zhou, B., Shi, L., Liu, Q., Liu, Z , Examination of structural models and bonding characteristics of coals, Fuel, V.184, pp.799-807(2016), @2016
9. **Bankova, V.**, Dyulgerov, A., Popov, S., Marekov, N.. A GC/MS study of the propolis phenolic constituents. Zeitschrift fuer Naturforschung C, 42c, 1987, ISSN:0939-5075, 147-151. ISI IF:0.552

Цитирана се е:

12. Tolba, M.F., Omar, H.A., Azab, S.S., Khalifa, A.E., Abdel-Naim, A.B., Abdel-Rahman, S.Z. Critical Reviews in Food Science and Nutrition 56(13), 2183-2190, @2016
13. Doiron, J.A., L.M. Leblanc, M.J.G. Hébert, N.A. Levesque, A.F. Paré, J. Jean-François, M. Cormier, M.E. Surette, M. Touaibia. Chemical Biology & Drug Design DOI: 10.1111/cbdd.12874, @2016
10. Trifonov, L., **Simova, S.**, Orahovats, A.. Intramolecular diels-alder reaction of aryl allene phosphonates. Tetrahedron Letters, 28, 29, Elsevier, 1987, ISSN:0040-4039, DOI:10.1016/S0040-4039(00)95521-7, 3391-3392. SJR:0.72, ISI IF:2.379

Цитирана се в:

14. Wua, C.G., Ye, F., Wu, G. J., Xu, S., Deng, G.S., Zhang, Y., Wang, J. B., Synthesis of allenylphosphonates through Cu(I)-catalyzed coupling of terminal alkynes with diazophosphonates, Synthesis-Stuttgart, 48(5), pp. 751-760., @2016

1988

11. Schneider, H.-J., Kramer, R., **Simova, S.**, Schneider, U.. Solvent and salt effects on binding constants of organic substrates in macrocyclic host compounds. A general equation measuring hydrophobic binding contributions. Journal of the American Chemical Society, 110, 19, ACS, 1988, ISSN:00027863, DOI:10.1021/ja00227a025, 6442-6448. SJR:5.57, ISI IF:12.113

Цитирана се в:

15. Haider, K., Wickstrom, L., Ramsey, S., Gilson, M. K., Kurtzman, T., Enthalpic Breakdown of Water Structure on Protein Active-Site Surfaces, Journal of Physical Chemistry B, 120(34), pp. 8743-8756., @2016
16. Haque, S. A., Berkley, R. S., Fronczek, F. R., Hossain, M. A., Solution and structural binding studies of phosphate with thiophene-based azamacrocycles, Inorganic Chemistry Communications, 70, pp. 121-124., @2016
17. Haque, S. A., Saeed, M. A., Jahan, A., Wang, J., Leszczynski, J., Hossain, M. A., Experimental and Theoretical Aspects of Anion Complexes with a Thiophene-Based Cryptand, Comments on Inorganic Chemistry, 36(6), pp. 305-326., @2016
18. Zhang, F., Zhou, Y. H., Bao, X. P., Synthesis and anion binding properties of 1, 8-disulfonamidocarbazole dipyrromethane Schiff-base macrocycle & its amine analogue, Supramolecular Chemistry, 28(3-4), pp. 305-313., @2016
12. Stoyanov, S., **Antonov, L.**.. Quantitative analysis of azo-quinonehydrazone tautomeric equilibrium. Dyes and Pigments, 10, 1, 1988, DOI:10.1016/0143-7208(89)85038-7, 33-45. ISI IF:3.966

Цитирана се в:

19. Ghasemian, M., Kakanejadifard, A., Karami, T., Synthesis, structural characterization, antimicrobial activities and theoretical investigations of some 4-(4-aminophenylsulfonyl) phenylimino) methyl)-4-(aryldiazenyl) phenol, Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, Volume 168, Pages 190-198, @2016
13. Neychev, H., Dimov, V., Vuleva, V., Shirova, L., Slavccheva, E., Gegova, G., Manolova, N., **Bankova, V.**.. Immunomodulatory action of propolis. II. Effect of water soluble fraction on influenza infection in mice. Acta Microbiologica Bulgarica, 23, 1988, ISSN:0204-8809, 58-62

1989

14. **Bankova, V.**, Popov, S., Marekov, N.. Isopentenyl cinnamates from poplar buds and propolis. *Phytochemistry*, 28, 1989, ISSN:0031-9422, 871-873. ISI IF:2.779

21. Alić, B., N. Begić, L. Spiljak, E. Velagić-Habul, E. Sarić, D. Ramić. Works of the Faculty of Agriculture and Food Sciences, University of Sarajevo 66(1), 94 – 98, @2016
22. Sarıçoban, C., Yerlikaya, S. *Journal of Agroalimentary Processes and Technologies* 22(2), 56-63, @2016
15. **Pojarlieff, I.G.**, Blagoeva I.B., Tashev, D.T., Kirby, A.J.. Intramolecular nucleophilic attack by urea nitrogen. Reactivity-selectivity relationships for general acid-based catalysed cyclizations of ureido acids and esters.. *J. Chem. Soc. Perkin Trans. 2*, 4, Royal Society of Chemistry, 1989, DOI:10.1039/P29890000347,, 347-353. ISI IF:1.837

23. Borovlev, I.V., Demidov, O.P., Amangasieva, G.A., Avakyan, E.K., Kurnosova, N.A., Ureas as new nucleophilic reagents for SN H amination and carbamoyl amination reactions in the 1, 3, 7-triazapyrene series, *Arkivoc*, 2016 (3), pp. 58-70., @2016

1990

16. **Bankova, V.**.. Synthesis of natural esters of substituted cinnamic acids. *Journal of Natural Products*, 53, 1990, ISSN:0163-3864, 821-824. ISI IF:3.798

24. Pierens, G.K., T.K. Venkatachalam, D.C. Reutens. *Magn. Reson. Chem.* 54: 941–946. DOI 10.1002/mrc.4469, @2016
17. Stoyanov, S., Petkov, I., **Antonov, L.**, Stoyanova, T., Karagiannidis, P., Aslanidis, P.. Thione-thiol tautomerism and stability of 2- and 4-mercaptopyridines and 2-mercaptopyrimidine. *Canadian Journal of Chemistry*, 68, 9, 1990, DOI:10.1139/v90-227, 1482-1489. ISI IF:1.061

25. Fuoco, T., Finne-Wistrand, A., Pappalardo, D., A Route to Aliphatic Poly(ester)s with Thiol Pendant Groups: From Monomer Design to Editable Porous Scaffolds, *Biomacromolecules*, 2016, Volume 17, Pages 1383-1394, @2016
26. Navarro, R., Perrino, M.P., García, C., Elvira, C., Gallardo, A., Reinecke, H., Opening new gates for the modification of PVC or other PVC derivatives: Synthetic strategies for the covalent binding of molecules to PVC, *Polymers*, 2016, Volume 8, Article number 152, @2016
18. Boneva, I., **Mikhova, B.**, Malakov, P., Papanov, G., Duddeck, H., Spassov, S.. Neo-Clerodane Diterpenoids from *Ajuga Chamaepitys*. *Phytochemistry*, 29, 9, Pergamon Press, 1990, ISSN:0031 9422, 2931-2933. ISI IF:2.5

Цумура се в:

27. Li, R., Morris-Natschke, S.L., Lee, K.-H. Clerodane diterpenes: Sources, structures, and biological activities (2016) Natural Product Reports, 33 (10), pp. 1166-1226., @2016
28. Venditti, A., Frezza, C., Maggi, F., Lupidi, G., Bramucci, M., Quassinti, L., Giuliani, C., Cianfaglione, K., Papa, F., Serafini, M., Bianco, A. Phytochemistry, micromorphology and bioactivities of *Ajuga chamaepitys* (L.) Schreb. (Lamiaceae, Ajugoideae): Two new harpagide derivatives and an unusual iridoid glycosides pattern (2016) Fitoterapia, 113, pp. 35-43, @2016

1991

19. Kratchanova M., Bénémou, C., Kratchanov Chr.. On the pectic substances of mango fruits. Carbohydrate Polymers, 15, 3, Elsevier, 1991, 271-282. SJR:1.4, ISI IF:4.074

Цумура се в:

29. Matharu, A.S., Houghton, J.A., Lucas-Torres, C., Moreno, A (2016) Acid-free microwave-assisted hydrothermal extraction of pectin and porous cellulose from mango peel waste-towards a zero waste mango biorefinery. Green Chemistry, 18 (19), pp. 5280-5287, @2016
20. Schneider, H.-J., Blatter, T., Simova, S. NMR and Fluorescence Studies of Cyclodextrin Complexes with Guest Molecules Containing Both Phenyl and Naphthyl Units. Journal of the American Chemical Society, 113, 6, ACS, 1991, ISSN:0002-7863 (Print) 1520-5126 (Online), DOI:10.1021/ja00006a020, 1996-2000. SJR:5.57, ISI IF:12.113

Цумура се в:

30. Pereira-Vilar, A., Martin-Pastor, M., Pessego, M., Garcia-Rio, L., Supramolecular Recognition Induces Nonsynchronous Change of Dye Fluorescence Properties, Journal of Organic Chemistry, 81(15), pp. 6587-6595., @2016
31. Hu, P., Chen, Y., Li, J. J., Liu, Y., Construction, Enzyme Response, and Substrate Capacity of a Hyaluronan-Cyclodextrin Supramolecular Assembly, Chemistry-an Asian Journal, 11(4), pp. 505-511., @2016
21. Dimov, D., Ivanovska, N., Manolova, N., Bankova, V., Nikolov, N., Popov, S.. Immunomodulatory activity of propolis. Influence of anti-infectious protection and macrophage function. Apidologie, 22, 1991, ISSN:0044-8435, 155-162. ISI IF:1.676

Цумура се в:

32. Bozbay, C.K., K. Konanc, N. Ocak, E. Öztürk. Turk J Agric Res 3, 48-54, @2016
33. Naseh M., N. Gheibi, H. Jahanihashemi, E. Azizlou, Z. Alizadeh Tabari. J Mash Dent Sch 40(2), 167-76, @2016

1992

22. Bankova, V., Christov, R., Stoev, G., Popov, S.. Determination of phenolics from propolis by capillary gas chromatography. Journal of Chromatography A, 607, 1992, ISSN:0021-9673, 150-153. ISI IF:4.169

Цумура се в:

34. Wulandari, L., Y. Retnaningtyas, Nuri, H. Lukman. Journal of Analytical Methods in Chemistry, Volume 2016, Article ID 4696803, 6 pages, @2016
35. Fan, D., H. Li, S. Shi, X. Chen. Journal of Chromatography A, 1470, 27 - 32, @2016
23. Marinov, V., **Marinov, S.P.**, Lazarov, L., **Stefanova, M.**. Ash agglomeration during fluidized bed gasification of high sulphur content lignites. Fuel Processing Technology, 31, 3, Elsevier, 1992, ISSN:0378-3820, 181-191. ISI IF:2.945

Цумура ce в:

36. S Liu, C Qi, S Zhang Y Deng, Minerals in the Ash and Slag from Oxygen-Enriched Underground Coal Gasification, Minerals, 2016., @2016
37. Khadilkar, A. B., Rozelle, P. L., & Pisupati, S. V. (2016). Review of particle physics and chemistry in fluidized beds for development of comprehensive ash agglomeration prediction models. Energy & Fuels, 30(5), 3714-3734, @2016
38. Li, F.-H. , Ma, X.-W., Guo, Q.-Q., Fan, H.-L., Xu, M.-L., Liu, Q.-H. , Fang, Y.-T., Investigation on the ash adhesion and deposition behaviors of low-rank coal, Fuel Processing Technology, V.152, pp. 124-131, (2016), @2016
24. **Bankova, V.**, Dyulgerov, A., Popov, S., Evstatieva, L. N., Kuleva, L., Pureb, Z., Zamjansan, Z.. Propolis produced in Bulgaria and Mongolia: phenolic compounds and plant origin. Apidologie, 23, 1992, 79-85. ISI IF:1.676

Цумура ce в:

39. Al-Ghamdi, A.A., Bayaqoob, N.I.M., Rushdi, A.I., Alattal, Y., Simoneit, B.R.T., El-Mubarak, A.H., Al-Mutlaq, K.F. Saudi Journal of Biological Sciences (2016)*, doi: <http://dx.doi.org/10.1016/j.sjbs.2016.12.012>, @2016
25. Serkedjieva, J., Manolova, N., **Bankova, V.**. Anti-influenza virus effect of some propolis constituents and their analogues (esters of substituted cinnamic acids). Journal of Natural Products, 55, 1992, ISSN:0163-3864, 294-297. ISI IF:3.798

Цумура ce в:

40. Deswal, H. Innov J Ayurvedic Sci 4(1), 1-4, @2016
26. Gergova, K., Galushko, A., **Petrov, N.**, Minkova, V.. Investigation of the porous structure of activated carbons prepared by pyrolysis of agricultural by-products in a stream of water vapor. Carbon, 30, 5, Elsevier, 1992, ISSN:0008-6223, DOI:10.1016/0008-6223(92)90154-O, 721-727. SJR:1.996, ISI IF:6.89

Цумура ce в:

41. Grima-Olmedo, C., Ramírez-Gómez, Á., Gómez-Limón, D., Clemente-Jul, C. Activated carbon from flash pyrolysis of eucalyptus residue (2016) Heliyon, 2 (9), art. no. e00155. DOI: 10.1016/j.heliyon.2016.e00155., @2016
42. Gonçalves, G.C., Pereira, N.C., Veit, M.T., Production of bio-oil and activated carbon from sugarcane bagasse and molasses, Biomass and Bioenergy, Vol. 85, pp. 178-186. DOI: 10.1016/j.biombioe.2015.12.013., @2016
27. **Petrov, N.**, **Budinova, T.**, Khavesov, I.. Adsorption of the ions of zinc, cadmium, copper, and lead on oxidized anthracite. Carbon, 30, 2, Elsevier, 1992, ISSN:0008-6223, DOI:10.1016/0008-6223(92)90072-5, 135-139. SJR:1.996, ISI IF:6.89

Цитирана се в:

43. Belayachi, A., Bestani, B., Bendraoua, A., Benderdouche, N., Duclaux, L., The influence of surface functionalization of activated carbon on dyes and metal ion removal from aqueous media, Desalination and Water Treatment, 57 (37), pp. 17557-17569. DOI:10.1080/19443994.2015.1086701., @2016
28. Dimov, D., Ivanovska, N., **Bankova, V.**, Popov, S.. Immunomodulatory action of propolis. IV. Prophylactic activity against Gram-negative infections and adjuvant effect of the water-soluble derivative. Vaccine, 10, 1992, ISSN:0264-410X, 817-823. ISI IF:3.624

Цитирана се в:

44. Ahmed, O.B., U.T. Mahmoud, M.A.M. Mahmoud, M.R. Fath El-Bab. Journal of Advanced Veterinary Research 6(1), 1 – 6, @2016
45. Dhandapani, R., Buvanaratchagan A. European Journal of Molecular Biology and Biochemistry 3(5), 152-155, @2016
29. Milkova, T., **Mikhova, B.**, Nikolov, N.M., Popov, S.S.. Two new polyhydroxylated sterols from the sponge Dysidea fragilis. Journal of Natural Products (Lloydia), 7, ACS Publications, 1992, ISSN:Print Edition ISSN: 0163-3864 Web Edition ISSN: 1520-6025, 974-978. ISI IF:3.662

Цитирана се в:

46. Liu, H., Lohith, K., Rosario, M., Pulliam, T.H., O'Connor, R.D., Bell, L.J., Bewley, C.A. Polybrominated Diphenyl Ethers: Structure Determination and Trends in Antibacterial Activity (2016) Journal of Natural Products, 79 (7), pp. 1872-1876., @2016
30. Stoychev, D., Vitanova, I., Buyukliev, R., Petkova, N., Popova, I., **Pojaliev, I.** Effect of the structure of aromatic disulfides on some physico-mechanical properties of electrodeposited copper coatings. J. Appl. Electrochem., 22, 10, Springer Verlag, 1992, DOI:doi:10.1007/BF01024148, 987-990. ISI IF:0.785

Цитирана се в:

47. Ren, J. Zhu, Z. Zhu, D. , Chinese J. Aeronautics, 29, 2016, 1096-1102. Effects of process parameters on mechanical properties of abrasive-assisted electroformed nickel, @2016
48. Hui Sun, Bin Cui, Gong-Qing Liu, Yue-Ming Li, Tetrahedron, 72, 2016, 7170–7178. MnI2-catalyzed regioselective intramolecular iodoamination of unfunctionalized olefins, @2016

1993

31. Ganeva, Y. , Tsankova, E., **Simova, S.**, Apostolova, B., Zaharieva, E.. Rofficerone: A new triterpenoid from Rosmarinus officinalis. Planta Medica, 59, 3, Georg Thieme Verlag, 1993, ISSN:0032-0943, DOI:10.1055/s-2006-959670, 276-277. SJR:0.69, ISI IF:2.152

Цитирана се в:

49. Bensebia, O., Bensebia, B., Allia, K., Barth, D., Supercritical CO2 extraction of triterpenes from rosemary leaves: Kinetics and modelling, Separation Science and Technology, 51(13), pp. 2174-2182., @2016
50. Hanson, J. R., Rosemary, the beneficial chemistry of a garden herb, Science Progress, 99(1), pp. 83-91., @2016

32. Abdel Sattar, A., **Bankova, V.**, Spassov, S., Duddeck, H.. Flavonoid glycosides from *Sideritis* species. *Fitoterapia*, 64, 1993, ISSN:0367-326X, 278-279

Цитупа се в:

51. Venditti, A., A. Bianco, C. Frezza, M. Serafini, G. Giacomello, C. Giuliani, M. Bramucci, L. Quassinti, G. Lupidi, D. Lucarini, F. Papa, F. Maggi. *Chemistry & Biodiversity* 13, 1380-1390 DOI: 10.1002/cbdv.201600082, @2016
33. Tsankova, E., **Todorova, M.**, **Trendafilova, A.**, Robeva, P.. Constituents of *Xanthium italicum* roots. *Fitoterapia*, 64, 5, Elsevier, 1993, ISSN:0367-326X, 470-471

Цитупа се в:

52. Olivaro, C., Rostan, V., Bandera, D., Moyna, G., Vazquez, A. Xanthane sesquiterpenoids from the roots and flowers of *Xanthium cavanillesii* (2016) *Natural Product Research*, 30 (19), pp. 2238-2242, @2016
34. Kujimgiev, A., **Bankova, V.**, Ignatova, A., Popov, S.. Antibacterial activity of propolis, some of its components and their analogs. *Pharmazie*, 48, 1993, ISSN:0031-7144, 785-786. ISI IF:0.34

Цитупа се в:

53. Atta, R.M., N.S. Alotibi, N.S. Elhwimal. *Journal of Innovations in Pharmaceutical and Biological Sciences (JIPBS)* 3(4), 80-84, @2016
54. Cheng C., X. Ning, Y. Luo, C. Tian, X. Wang, Y. Guo, J. Liu, Z. Zhang. *Med. Chem. Res.* DOI: 10.1007/s00044-016-1601-3, @2016
55. Erturk, O., E. Cil, N. Yoloğlu, C. Yavuz. *Mellifera* 16(1), 4–18, @2016
35. Gergova, K., **Petrov, N.**, Minkova, V.. A comparison of adsorption characteristics of various activated carbons. *Journal of Chemical Technology and Biotechnology*, 56, 1, John Wiley and Sons Ltd., 1993, ISSN:0268-2575 (print); 1097-4660 (online), DOI:10.1002/jctb.280560114, 77-82. SJR:0.87, ISI IF:2.349

Цитупа се в:

56. Şahin, Ö., Saka, C., Ceyhan, A.A., Baytar, O., The pyrolysis process of biomass by two-stage chemical activation with different methodology and iodine adsorption, *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, Vol. 38, No 12, pp. 1756-1762. DOI:10.1080/15567036.2014.956195., @2016
57. Wang, B., Lehmann, J., Hanley, K., Hestrin, R., Enders, A., Ammonium retention by oxidized biochars produced at different pyrolysis temperatures and residence times, *RSC Advances*, Vol. 6, No 48, pp. 41907-41913. DOI: 10.1039/c6ra06419a., @2016
36. **Stefanova, M.**, Velinova, D., **Marinov, S.P.**, Nikolova, R.. The composition of lignite humic acids. *Fuel*, 72, 5, Elsevier, 1993, ISSN:0016-2361, DOI:10.1016/0016-2361(93)90581-L, 681-684. SJR:1.568, ISI IF:4.091

Цитупа се в:

58. I.Robles, E.Bustos, J.Lakatos, Adsorption study of mercury on lignite in the presence of different anions, *Sustainable Environment Research* · April 2016, DOI: 10.1016/j.serj.2016.04.008., @2016

37. **Budinova, T., Petrov, N.,** Minkova, V., Gergova, K.. Removal of metal ions from aqueous solution by activated carbons obtained from different raw materials. Journal of Chemical Technology & Biotechnology, 60, 2, Society of Chemical Industry, 1994, ISSN:1097-4660, DOI:10.1002/jctb.280600210, 177-182. SJR:0.82, ISI IF:2.738

Цитира се в:

59. Gnanasundaram, N., Singh, A., Ganesapillai, M., Adsorption of Ni⁺⁺ ions from aqueous solution onto microwave irradiated Sterculia foetida fruit shells, Management of Environmental Quality, 27 (1), pp. 59-70. DOI: 10.1108/MEQ-06-2015-0106., @2016
38. **Kratchanova M.,** Panchev I., Pavlova E., Shtereva L.. Extraction of pectin from fruit materials pretreated in an electromagnetic field of super-high frequency. Carbohydrate Polymers, 25, 3, Elsevier, 1994, 141-144. ISI IF:4.074

Цитира се в:

60. Sayah, M.Y., Chabir, R., Benyahia, H., Touzani, H., Errachidi, F. (2016) Yield, esterification degree and molecular weight evaluation of pectins isolated from orange and grapefruit peels under different conditions. PLoS ONE, 11 (9), e0161751, @2016
39. Gergova, K., **Petrov, N.,** Eser, S.. Adsorption properties and microstructure of activated carbons produced from agricultural by-products by steam pyrolysis. Carbon, 32, 4, Elsevier, 1994, ISSN:0008-6223, DOI:10.1016/0008-6223(94)90091-4, 693-702. SJR:1.996, ISI IF:6.89

Цитира се в:

61. Pap, S., Radonić, J., Trifunović, S., Adamović, D., Mihajlović, I., Vojinović Miloradov, M., Turk Sekulić, M., Evaluation of the adsorption potential of eco-friendly activated carbon prepared from cherry kernels for the removal of Pb²⁺, Cd²⁺ and Ni²⁺ from aqueous wastes, Journal of Environmental Management, 184, pp. 297-306. DOI:10.1016/j.jenvman.2016.09.089, @2016
62. Suhas, Gupta, V.K., Carrott, P.J.M., Singh, R., Chaudhary, M., Kushwaha, S., Cellulose: A review as natural, modified and activated carbon adsorbent, Bioresource Technology, Vol. 216, pp. 1066-1076. DOI:10.1016/j.biortech.2016.05.106., @2016
63. Adib, M.R.M., Suraya, W.M.S.W., Rafidah, H., Amirza, A.R.M., Attahirah, M.H.M.N., Hani, M.S.N.Q., Adnan, M.S., Effect of Phosphoric Acid Concentration on the Characteristics of Sugarcane Bagasse Activated Carbon, IOP Conference Series: Materials Science and Engineering, Vol. 136, No 1, art. no. 012061. DOI: 10.1088/1757-899X/136/1/012061., @2016
64. Rabinovich, M.L., Fedoryak, O., Dobelev, G., Andersone, A., Gawdzik, B., Lindström, M.E., Sevastyanova, O., Carbon adsorbents from industrial hydrolysis lignin: The USSR/Eastern European experience and its importance for modern biorefineries, Renewable and Sustainable Energy Reviews, Vol., 57, pp. 1008-1024. DOI: 10.1016/j.rser.2015.12.206., @2016
65. Shoaib, M., Al-Swaidan, H.M., Optimization of activation temperature on the preparation of sliced porous activated carbon from date fronds by physical activation [Optimizacija temperature aktivacije za pripremu poroznog ugljenika dobijenog iz listova urme fizičkom aktivacijom], Hemijska Industrija, Vol. 70, No 2, pp. 151-157. DOI:10.2298/HEMIND140916022S., @2016

66. Norozi, F., Haghdoust, G., Application of Corn cob as a natural adsorbent for the removal of Mn (VII) ions from aqueous solutions, Oriental Journal of Chemistry, Vol. 32, No 4, pp. 2263-2268. DOI:10.13005/ojc/320460., @2016
67. Ago, M., Borghei, M., Haataja, J.S., Rojas, O.J., Mesoporous carbon soft-templated from lignin nanofiber networks: Microphase separation boosts supercapacitance in conductive electrodes, RSC Advances Vol. 6, No 89, pp. 85802-85810. DOI: 10.1039/c6ra17536h., @2016
68. Al Bahri, M., Calvo, L., Gilarranz, M.A., Rodriguez, J.J., Diuron Multilayer Adsorption on Activated Carbon from CO₂ Activation of Grape Seeds, Chemical Engineering Communications, Vol. 203, No 1, pp. 103-113. DOI: 10.1080/00986445.2014.934447., @2016

40. Nikolova-Damyanova, B., **Bankova, V.**, Popov, S.. Separation and quantitation of stevioside and rebaudioside A in plant extracts by normal phase HPLC and TLC: a comparison. Phytochemical Analysis, 5, 1994, 81-85. ISI IF:1.395

Цумура се в:

69. Englert, M., C. Kaiser, W. Schwack, W. Vetter. Chromatographia DOI 10.1007/s10337-016-3033-0, @2016

41. **Budinova, T.**, Gergova, K., **Petrov, N.**, Minkova, V.. A study of the process of pyrolysis in a water-vapor stream of activated carbons, prepared from agricultural by-products by some physico-chemical methods. Thermochimica Acta, 224, Elsevier, 1994, ISSN:0040-6031, DOI:10.1016/0040-6031(94)80226-2, 267-276. SJR:0.708, ISI IF:2.341

Цумура се в:

70. Grima-Olmedo, C., Ramírez-Gómez, Á., Gómez-Limón, D., Clemente-Jul, C., Activated carbon from flash pyrolysis of eucalyptus residue, Heliyon, 2 (9), art. no. e00155. DOI: 10.1016/j.heliyon.2016.e00155., @2016

42. **Budinova, T.**, **Petrov, N.**, Duber, S., Shebestova, E.. EPR investigation of oxidized anthracite. Carbon, 32, 3, Elsevier, 1994, ISSN:0008-6223, DOI:10.1016/0008-6223(94)90161-9, 417-422. SJR:1.996, ISI IF:6.89

Цумура се в:

71. Tadyszak, K., Strzelczyk, R., Coy, E., Mac'Kowiak, M., Augustyniak-Jabłokow, M.A., Size effects in the conduction electron spin resonance of anthracite and higher anthraxolite, Magnetic Resonance in Chemistry, Vol. 54, No 3, pp. 239-245. DOI: 10.1002/mrc.4373., @2016

43. **Bankova, V.**, Christov, R., Popov, S., Pureb, O., Bocari, G.. Volatile constituents of propolis. Zeitschrift fuer Naturforschung C, 49c, 1994, 6-10. ISI IF:0.87

Цумура се в:

72. Kalia, P., Kumar N.R., Harjai, K. BMC Complementary and Alternative Medicine, 16:485, DOI: 10.1186/s12906-016-1474-5, @2016
73. Rizzolo, A., G. Bianchi, M. Povolo, C.A. Migliori, G. Contarini, V. Pelizzola, T.M.P. Cattaneo, Food Packaging and Shelf Life 8, 41-49, @2016
74. Melo, L. Santos de Mendonça. Tese (doutorado em Biotecnologia) – Rede Nordeste de Biotecnologia – RENORBIO, Universidade Federal de Sergipe, São Cristóvão (SE), @2016

44. Tsankova, E., **Trendafilova, A.**, Kujumdgiev, A., Galabov, A., Robeva, P.. Xanthanolides from Xanthium italicum Moretti and their biological activity. Zeitschrift für Naturforschung C, 49, Walter de

Цумура се в:

75. Jiang, H., Ma, G.-X., Yang, L., Xing, X.-D., Yan, M.-L., Zhang, Y.-Y., Wang, Q.-H., Kuang, H.-X., Xu, X.-D. Rearranged ent-kauranoid glycosides from the fruits of *Xanthium strumarium* and their antiproliferative activity (2016) *Phytochemistry Letters*, 18, pp. 192-196, @2016

1995

45. **Stefanova, M.**, Magnier, C., Velinova, D.. Biomarker assemblage of Miocene-aged Bulgarian lignite lithotypes. *Organic Geochemistry*, 23, 11/12, Elsevier, 1995, ISSN:0146-6380, DOI:10.1016/0146-6380(95)00080-1, 1067-1087. SJR:1.374, ISI IF:3.458

Цумура се в:

76. Zocatelli, R., P. Moreira-Turcq, Jacob, J., Bousafir, M., LeMilbeau, C. et al. "Holocene land cover dynamics in the Curuai Floodplain inferred from lacustrine biomarkers" *PPP*, v, 443, 237-248, @2016
77. Doskočil, L., Enev, V., Pekař, M., & Wasserbauer *Organic Geochemistry*, 95, 34-40. The spectrometric characterization of lipids extracted from lignite samples from various coal basins., @2016

46. **Trendafilova, A.B.**, Tsankova, E.T., Evstatieva, L.N.. Seco-eremophilanolides from *Senecio macedonicus*. *Phytochemistry*, 40, 1, Elsevier, 1995, ISSN:0031-9422, DOI:10.1016/0031-9422(95)00174-6, 329-330. ISI IF:1.285

Цумура се в:

78. Cheng, Z., Zhao, J., Liu, D., Proksch, P., Zhao, Z., Lin, W. Eremophilane-Type Sesquiterpenoids from an *Acremonium* sp. Fungus Isolated from Deep-Sea Sediments (2016) *Journal of Natural Products*, 79 (4), pp. 1035-1047, @2016

47. **Antonov, L.**, Stoyanov, S., Stoyanova, T.. Tautomeric equilibrium in 1-phenylazo-2-naphthol - a quantitative study. *Dyes and Pigments*, 27, 2, 1995, DOI:10.1016/0143-7208(94)00042-Z, 133-142. ISI IF:3.966

Цумура се в:

79. Ghasemian, M., Kakanejadifard, A., Karami, T., Synthesis, structural characterization, antimicrobial activities and theoretical investigations of some 4-(4-aminophenylsulfonyl) phenylimino) methyl)-4-(aryldiazenyl) phenol, *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, 2016, Volume 168, Pages 190-198, @2016

48. Mitewa, M., Mateeva, N., **Antonov, L.**, Deligeorgiev, T.. Spectrophotometric investigation on the complex formation of an aza-15-crown-5 containing styryl dyes with Ba²⁺ and Ca²⁺ cations. *Dyes and Pigments*, 27, 3, 1995, DOI:10.1016/0143-7208(94)00060-F, 219-225. ISI IF:3.966

Цумура се в:

80. Selektor, S.L., Shcherbina, M.A., Bakirov, A.V., Batat, P., Grauby-Heywang, C., Grigorian, S., Arslanov, V.V., Chvalun, S.N., Cation-Controlled Excimer Packing in Langmuir-Blodgett Films of Hemicyanine Amphiphilic Chromoionophores, *Langmuir*, 2016, Volume 32, Pages 637-643, @2016

49. Duran, M., Konstantinovic, S., Pavlovic, V., Predojevic, J., Ratkovic, Z., Rufinska, A., **Simova, S.** Studies of ferrocene derivatives. The reaction of ferrocenyl carbonyl compounds with organomagnesium halides. Journal Of The Serbian Chemical Society, 60, 8, 1995, ISSN:1820-7421, 729-732. ISI IF:0.611

Цитира се в:

81. Potkin, V., Dikuser, E., Kletskov, A., Petkevich, S., Semenova, E., Kolesnik, I., Zvereva, T., Zhukovskaya, N., Rosentsveig, I., Levkovskaya, G., Zolotar, R., Synthesis of esters of metallocene alcohols and 4, 5-dichloroisothiazol-3-carboxylic and 5-arylisoxazole-3-carboxylic acids, Russian Journal of General Chemistry, 86(2), pp. 338-343., @2016
50. Binev I., **Velcheva E.**, Juchnovski I. On the validity of the constants of ionic substituents. Substituent effects on the cyano stretching frequencies and intensities of trans- α -phenyl- β -arylacrylonitriles. Spectrochimica Acta Part A, 51, Elsevier, 1995, DOI:10.1016/0584-8539(95)01438-Z, 1871-1878. ISI IF:2.653

Цитира се в:

82. Nummert, V., Piirsalu, M., Vahur, S., Toom, L., Leito, I., and Koppel, I. A. Effects of neutral and charged substituents on the infrared carbonyl stretching frequencies in phenyl and alkyl benzoates in DMSO. J. Phys. Org. Chem., (2016) doi: 10.1002/poc.3608., @2016
51. **Stefanova, M.**, Simoneit, B.R.T., Stojanova, G., Nosyrev, I., Goranova, M.. Composition of the extract from Carboniferous bituminous coal. I: Bulk and molecular constituents. Fuel, 74, 5, Elsevier, 1995, ISSN:0016-2361, DOI:10.1016/0016-2361(94)00003-A, 768-778. SJR:1.568, ISI IF:4.091

Цитира се в:

83. Quijada, M., Riboulleau, A., Strother, P., Taylor, W., Mezzetti, A., & Versteegh, G. J. (2016). Protosalvinia revisited, new evidence for a land plant affinity. Review of Palaeobotany and Palynology. V.227, No.4, 52-64., @2016
84. Kong, J., Wei, X. Y., Zhao, M. X., Li, Z. K., Yan, H. L., Zheng, Q. X., & Zong, Z. M. (2016). Effects of sequential extraction and thermal dissolution on the structure and composition of Buliangou subbituminous coal. Fuel Processing Technology, 148, 324-331., @2016
85. Zubkova, V., & Witkiewicz, Z. (2016). Chromatographic analysis of chemical compositions of coals and changes in them during technological processing. Critical Reviews in Environmental Science and Technology, 46(7), 701-755., @2016
52. Abdel Sattar, A., **Bankova, V.**, Kujimgiev, A., Galabov, A., Ignatova, A., Todorova, C., Popov, S.. Chemical Composition and biological activity of leaf exudates from some Lamiaceae plant. 50, 1995, 62-62. ISI IF:0.466

Цитира се в:

86. Дутова, С.В. ДИССЕРТАЦИЯ на соискание ученой степени доктора фармацевтических наук. Хакасский государственный университет им. Н. Ф. Катанова, Богоград – 2016, @2016
87. Gayathiri, K., M. Sangeetha, V. K. Sharanya, G. Shyam Prakash, R. Vimalavathini, J. Gopi Sudheer Kumar, S. Kavimani. International Journal of Pharma Research & Review 5(5), 21-34, @2016
88. Khana, F.U., A.-u. Khanc, J. Hussaind, I.U. Khane, N. Muhammadf, A. Khang, S. Mehmoodh, A.M. Asiria, S.B.r Khana, A.H. Gilanii. Nat. Prod. Commun. 11(5), 591-592 (, @2016

53. **Bankova, V.**, Christov, R., Kujimgiev, A., Marcucci, M.C., Popov, S.. Chemical composition and antibacterial activity of Brazilian propolis. Zeitschrift fuer Naturforschung C, 50c, 1995, 167-172. ISI IF:0.979

Цумупа се в:

89. Erturk, O., E. Cil, N. Yoloğlu, C. Yavuz. Mellifera 16(1), 4–18, @2016
90. I. Falcão, C. Freire, A.C. Figueiredo, M. Vilas-Boas. Rec. Nat. Prod. 10(2), 176-188, @2016
91. Fiordalisi, S. A., L. A. Honorato, M. R. Loiko, C. A. Avancini, M. B. Veleirinho, L. C. M. Filho, S. Kuhnen. Journal of Dairy Science 99(3):2308-2318. doi:10.3168/jds.2015-9777, @2016
92. Usman, U.Z., Bakar, A.B.A., Mohamed, M. Biomedical Research (India) 27(1), 46-51, @2016
93. Popovska, M., J. Fidovski, S. Mindova, K. Dirjanska, S. Ristoska, E. Stefanovska, V. Radojkova-Nikolovska, K. Mitic, Biljana Rusevska. Open Access Macedonian Journal of Medical Sciences. electronic publication ahead of print, published on January 29, 2016, , @2016
94. Saeed Al-Khafaj, MW. Kufa Journal For Agricultural Sciences 8(1), 269 – 261, @2016
95. Zhang, J., X. Shen, K. Wang, X. Cao, C. Zhang, H. Zheng, F. Hu. Pharmaceutical Biology, 54 (10) 2220 – 2235, @2016
96. Niedzielska, I., Z. Puszczewicz, A. Mertas, D. Niedzielski, B. Rózanowski, S. Baron, T. Konopka, A. Machorowska-Pieniążek, M. Skucha-Nowak, M. Tanasiewicz, T. Morawiec, J. Paluch, J. Markowski, B. Orzechowska-Wylęgała, W. Król. BioMed Research International Volume 2016, Article ID 9190814, 11 pages, @2016
97. Sforcin, J.M. Phytother. Res. 30, 894–905, @2016
98. Kakouri, E., D. Daferera, S. Paramithiotis, K. Astraka, E.H. Drosinos, M.G. Polissiou, Journal of Applied Research on Medicinal and Aromatic Plants, Available online 28 September 2016*, <http://www.sciencedirect.com/science/article/pii/S2214786116300481>, @2016
99. Somensi Zeggio, A.R. PhD Thesis, Universidade Federal de Santa Catarina, Florianópolis, 2016, @2016
100. Grobler, S.R., A. Olivier, H.W. Kruijsse, V.T. Perchyonok. Int J Dentistry Oral Sci 3(10), 337-339, @2016
101. Farghaly, D.S. Middle East Journal of Applied Sciences 6(3), 468-473, @2016

54. Matile, S., Berova, N., Nakanishi, K., Novkova, S., **Philipova, I.**, Blagoev, B.. Porfphyrins: Powerful chromophores for structural studies by exciton-coupled circular dichroism. American Chemical Society, 117, 26, J. Am. Chem. Soc., 1995, ISSN:0002-7863, DOI:10.1021/ja00131a033, 7021-7022. SJR:7.123, ISI IF:13.038

Цумупа се в:

102. Ben-Moshe, A., Teitelboim, A., Oron, D., Markovich, G. Probing the Interaction of Quantum Dots with Chiral Capping Molecules Using Circular Dichroism Spectroscopy (2016) Nano Letters, 16 (12), pp. 7467-7473, @2016
103. Jana, P., Ehlers, M., Zellermann, E., Samanta, K., Schmuck, C. pH-Controlled Formation of a Stable β -Sheet and Amyloid-like Fibers from an Amphiphilic Peptide: The Importance of a Tailor-Made Binding Motif for Secondary Structure Formation (2016) Angewandte Chemie - International Edition, 55 (49), pp. 15287-15291., @2016

104. Hattori, S., Akagawa, K., Kudo, K., Ishii, K. Determination of the Absolute Configuration of Side Chains of Basic Amino Acid Residues Using the Water-Soluble Porphyrin-Based Exciton Chirality Method (2016) Journal of Physical Chemistry B, 120 (39), pp. 10280-10287, @2016
105. Han, L., Song, S., Li, G., Yu, M., Wang, Y. Synthesis and Characterization of a New Proline Tailed Porphyrin and Its Metalloporphyrin Complexes (2016) Synthesis and Reactivity in Inorganic, Metal-Organic and Nano-Metal Chemistry, 46 (10), pp. 1547-1551, @2016
106. Lu, H., Kobayashi, N. Optically Active Porphyrin and Phthalocyanine Systems (2016) Chemical Reviews, 116 (10), pp. 6184-6261 DOI: 10.1021/acs.chemrev.5b00588, @2016
107. Uchida, Y., Hirose, T., Nakashima, T., Kawai, T., Matsuda, K. Synthesis and Photophysical Properties of a 13, 13'-Bibenzo[b]perylene Derivative as a π -Extended 1, 1'-Binaphthyl Analog (2016) Organic Letters, 18 (9), pp. 2118-2121. DOI: 10.1021/acs.orglett.6b00747, @2016
108. Bentley, K.W., Joyce, L.A., Sherer, E.C., Sheng, H., Wolf, C., Welch, C.J. Antenna biphenols: Development of extended wavelength chiroptical reporters (2016) Journal of Organic Chemistry, 81 (3), pp. 1185-1191. DOI: 10.1021/acs.joc.5b02716, @2016
109. Mejías, S.H., López-Andarias, J., Sakurai, T., Yoneda, S., Erazo, K.P., Seki, S., Atienza, C., Martín, N., Cortajarena, A.L. Repeat protein scaffolds: Ordering photo- and electroactive molecules in solution and solid state (2016) Chemical Science, 7 (8), pp. 4842-4847., @2016
110. De Los Santos, Z.A., Ding, R., Wolf, C. Quantitative chirality sensing of amines and amino alcohols via Schiff base formation with a stereodynamic UV/CD probe (2016) Organic and Biomolecular Chemistry, 14 (6), pp. 1934-1939, @2016

1996

55. **Dimitrov, V., Kostova, K.,** Genov, M.. Anhydrous cerium(III) chloride - Effect of the drying process on activity and efficiency. Tetrahedron Letters, 37, 37, Elsevier Science Ltd, 1996, ISSN:00404039, DOI:10.1016/S0040-4039(96)01479-7, 6786-6790. ISI IF:2.497

Цитупа се в:

111. Kim, J.E., Zabula, A.V., Carroll, P.J., Schelter, E.J., 1, 2-Addition or Enolization? Variable Reactivity of a Cerium Acetylide Complex toward Carbonyl Compounds, Organometallics, 2016, 35, 2086-2091., @2016

56. Lehmkuhl, H., **Dimitrov, V.** Darstellung von η^3 -allyl-1-norbornyl-komplexen des nickels und palladiums. Journal of Organometallic Chemistry, 519, 1-2, Elsevier Science, 1996, ISSN:0022328X, DOI:doi.org/10.1016/S0022-328X(96)87022-7, 83-85. ISI IF:1.794

Цитупа се в:

112. Hazari, N., Hruszkewycz, D.P., Dinuclear PdI complexes with bridging allyl and related ligands, Chemical Society Reviews, 2016, 45, 2871-2899, @2016

57. Ivanovska, N., **Philipov, S.,** Istatkova, R., Georgieva, P.. Antimicrobial and immunological activity of ethanol extracts and fractions from Isopyrum thalictroides. Journal of Ethnopharmacology, 54, 2-3, 1996, ISSN:0378-8741, DOI:10.1016/S0378-8741(96)01462-6, 143-151. ISI IF:3.055

Цитупа се в:

113. Begum, H., Hamayun, M., Yaseen, T., Akhter, S., Shakeel, M. Phytochemical analysis, antifungal bioassay and folklore uses of selected medicinal plants of family Rosaceae. Pure Appl. Biol., (2016), 5(2), 183-192., @2016

58. **Kratchanova, M.**, Pavlova, E., Panchev, I., Kratchanov, Chr.. Influence of microwave pretreatment of fresh orange peels on pectin extraction. Progress in Biotechnology, 14, Elsevier, 1996, DOI:10.1016/S0921-0423(96)80337-6

Цумура се в:

114. Khodaei, N., Karboune, S., Orsat, V. (2016) Microwave-assisted alkaline extraction of galactan-rich rhamnogalacturonan I from potato cell wall by-product. Food Chemistry, 190, pp. 495-505., @2016
115. Hosseini, S.S., Khodaiyan, F., Yarmand, M.S. (2016) Optimization of microwave assisted extraction of pectin from sour orange peel and its physicochemical properties. Carbohydrate Polymers, 140, pp. 59-65., @2016
116. Hosseini, S.S., Khodaiyan, F., Yarmand, M.S. (2016) Aqueous extraction of pectin from sour orange peel and its preliminary physicochemical properties. International Journal of Biological Macromolecules, 82, pp. 920-926., @2016
59. Stoyanov, S., **Antonov, L.**, Stoyanova, T., Petrova, V.. Ammonium-azonium tautomerism in some N,N-dialkylaminoazodyes: Part 2 - Compounds containing more than two protonation sites. Dyes & Pigments, 32, 3, 1996, DOI:10.1016/0143-7208(96)00016-2, 171-185. ISI IF:3.966

Цумура се в:

117. Weston, C.E., Richardson, R.D., Fuchter, M.J., Photoswitchable basicity through the use of azoheteroarenes, Chemical Communications, 2016, Volume 52, Pages 4521-4524, @2016
60. **Ivanov, P.M.**, Jaime, C.. Modelling of the inclusion process of α alpha-, β beta-, and γ gamma-cyclodextrins with 1-bromoadamantane. A comparative molecular mechanics study with accounting for the solvent. Journal of Molecular Structure, 377, 1996, 137-147. ISI IF:1.705

Цумура се в:

118. Panchal, M., Athar, M., Jha, P.C., (...), Bhatt, K., Jain, V. Turn-off fluorescence probe for the selective determination of pendimethalin using a mechanistic docking model of novel oxacalix[4]arene, RSC Advances, (2016) 6(58) 53573-53577, @2016
61. Ivanovska, N, **Philipov, S.** Comparative study on the immunological activity of a series of isoquinoline alkaloids. Phytotherapy Research, 10, 1, 1996, ISSN:0951-418X, 62-65. SJR:0.842

Цумура се в:

119. Rangriz, E., Mousavi, Z., Najafizadeh, P., Asgarpanah, J. Antinociceptive effect of the endemic species Glaucium vitellinum boiss and buhse. Jundishapur Journal of Natural Pharmaceutical Products (2016) 11 (1) Article number e24829., @2016
62. **Dimitrov, V.**, **Philipova, I.**, **Simova, S.** Synthesis and absolute configuration of new chiral epoxyalcohols by stereoselective epoxydation of allylic and homoallylic alcohols with (1R)-(+)-camphor skeleton. Tetrahedron: Asymetry, 7, 5, Elsevier, 1996, ISSN:09574166, DOI:10.1016/0957-4166(96)00168-1, 1493-1500. SJR:0.806, ISI IF:2.499

Цумура се в:

120. Reddy, L.V.R., Roy, A.D., Roy, R., Shaw, A.K. Stereoselective synthesis of highly O-functionalized enantiopure 2, 3, 4-trisubstituted tetrahydrofurans by tandem debenzylative cyclization of glycol derived 2, 3-epoxy alcohols (2006) Chemical Communications, (32), pp. 3444-3446., @2016

63. **Bankova, V.**, Marcucci, M.C., **Simova, S.**, Nikolova, N., Kujimgiev, A., Popov, S.. Antibacterial diterpenic acids from Brazilian propolis. Zeitschrift für Naturforschung C, 51, 5-6, De Gruyter, 1996, ISSN:0939-5075, 277-280. SJR:0.2, ISI IF:0.849

Цумура се в:

121. Abd El-Karim, M.S. J. Applied Sci., 16(1): 1-10, @2016
122. Saeed Al-Khafaj, MW. Kufa Journal For Agricultural Sciences 8(1), 269 – 261, @2016
123. Tazawa, S., Y. Arai, S. Hotta, T. Mitsui, H. Nozaki, K. Ichihara. Natural Product Communications 11(2), 201-205, @2016
124. Oellig, C. Journal of Chromatography A, 1445, 19-26, doi:10.1016/j.chroma.2016.03.082, @2016
125. Sforcin, J.M. Phytother. Res. 30, 894–905, @2016
126. Özkök, A., K. Sorkun, B. Salih. Hacettepe J. Biol. & Chem., 44(3), 317–328, @2016
127. Somensi Zeggio, A.R. PhD Thesis, Universidade Federal de Santa Catarina, Florianópolis, 2016, @2016
64. Binev, I.G., **Stamboliyska, B.A.**, **Velcheva, E.A.** The infrared spectra and structure of o-sulfobenzimide (saccharin) and of its nitranion: An ab initio force field treatment. Spectrochimica Acta - Part A Molecular Spectroscopy, 52, 9, Elsevier, 1996, ISSN:0584-8539, 1135-1143. SJR:0.595

Цумура се в:

128. Lin, S. Y., Lin, H. L., Chi, Y. T., Hung, R. Y., Huang, Y. T., Hsieh, W. H., Kao, C. Y., Influence of Soluplus on Solid-State Properties and Physical Stability of Indomethacin-Saccharin Co-crystal Formation Prepared by Air-Drying Process, Journal of Pharmaceutical Innovation, 2016, 11, 109-119., @2016
129. Lin, H. L., Huang, Y. T., Lin, S. Y., Spectroscopic and thermal approaches to investigate the formation mechanism of piroxicam–saccharin co-crystal induced by liquid-assisted grinding or thermal stress, Journal of Thermal Analysis and Calorimetry, 2016, 123, 2345-2356., @2016
65. Stefanov, K., **Bankova, V.**, Dimitrova-Konaklieva, S., Aldinova, R., Dimitrov, K., Popov, S.. Sterols and acylglycerols in the brown algae Colpomenia peregrina (Sauv.) Hamel and Scitosyphon lomentaria (Lyngb.) Link.. Botanica marina, 39 (1-6), 1996, ISSN:1437-4323, 475-478

Цумура се в:

130. Wielgosz-Collin, G., M. Kendel, and A. Couzinet-Mossion, In: Seaweed in Health and Disease Prevention, Edited by: Fleurence J.& Levine I. Academic Press, San Diego, 2016*, Pp. 185-221, ISBN 9780128027721, , @2016
66. Rüdiger, V., Eliseev, A., **Simova, S.**, Schneider, H.-J., Blandamer, M., Cullis, P., Meyer, A.. Conformational, calorimetric and NMR spectroscopic studies on inclusion complexes of cyclodextrins with substituted phenyl and adamantane derivatives. Journal of the Chemical Society. Perkin Transactions 2, 10, Royal Society of Chemistry, 1996, ISSN:1472-779X, DOI:10.1039/P29960002119, 2119-2123. ISI IF:1.92

Цумура се в:

131. Zhao, Q., Chen, Y., Sun, M., Wu, X.-J., Liu, Y., Construction and drug delivery of a fluorescent TPE-bridged cyclodextrin/hyaluronic acid supramolecular assembly, RSC Advances, 6(56), pp. 50673-50679., @2016

132. Cho, E., Kim, H., Choi, Y., Paik, S. R., Jung, S., Polydiacetylenyl beta-cyclodextrin based smart vesicles for colorimetric assay of arginine and lysine, Scientific Reports, 6., @2016
67. **Dimitrov, V., Simova, S., Kostova, K.** Highly effective and practical stereoselective synthesis of new homoallylic alcohols with (+)-camphor and (-)-fenchone skeleton. Tetrahedron, 52, 5, Elsevier, 1996, ISSN:0040-4020, DOI:10.1016/0040-4020(95)01005-X, 1699-1706. SJR:0.991, ISI IF:2.645

Цумура се в:

133. Shokova, E. A., Kim, J. K., Kovalev, V. V., Camphor and its derivatives. unusual transformations and biological activity, Russ. J. Org. Chem., 52(4), pp. 459-488., @2016
68. Ivanovska, N., **Philipov, S.** Study on the anti-inflammatory action of Berberis vulgaris root extract, alkaloid fractions and pure alkaloids. International Journal of Immunopharmacology, 18, 10, 1996, ISSN:1567-5769, 553-561. ISI IF:2.507

Цумура се в:

134. Hosseinihashemi, S. K., Aghajani, H., Anooshei, H., Roostaei M. Identification of Wood and Bark Extractives in Indigenous Barberry (Berberis vulgaris), Ligocellulose, (2016), 5(1), 77-83., @2016
135. Afrin, S., Giampieri, F., Gasparrini, M., Forbes-Hernandez, T., Varela-López, A., Quiles, J., Mezzetti, B., Battino, M. Chemopreventive and Therapeutic Effects of Edible Berries: A Focus on Colon Cancer Prevention and Treatment. Molecules (2016), 21(2), 169., @2016
136. Ghareeb D. A., Elwakeel E. H., Khalil R., Aziz M. S., El Demellawy M. A. Investigation of the Immunomodulatory effect of Berberis vulgaris on core-pulsed dendritic cell vaccine. BMC Complement Altern Med. (2016), 16(1), 325., @2016
137. Cicero A. F., Baggioni A. Berberine and Its Role in Chronic Disease. Adv Exp Med Biol. (2016), 928, 27-45., @2016
138. Dar, K. B., Bhat, A. H., Amin, S., Masood, A., Zargar, M. A., Ganie, S. A. Inflammation: A Multidimensional Insight on Natural Anti-Inflammatory Therapeutic Compounds. Curr Med Chem. (2016), 23(33), 3775-3800., @2016
139. Taghizadeh, R., Mohammadkhani, N. Feeding deterrence of two medicinal plant extracts on Tribolium castaneum (Coleoptera: Tenebrionidae). J. Crop Prot., (2016), 5 (4), 529-539., @2016
140. Mahmoud, M. A., Ghareeb, D. A., Sahyoun, H. A., Elshehawy, A. A., Elsayed, M. M. In Vivo Interrelationship between Insulin Resistance and Interferon Gamma Production: Protective and Therapeutic Effect of Berberine. Evid Based Complement Alternat Med. (2016), Article ID 2039897, 7 pages., @2016
141. Mahmoudi, M., Zamani Taghizadeh Rabe, S., Balali-Mood, M., Karimi, G., Memar, B., Rahnama, M., Tabasi, N., Khazaei, M., Riahi-Zanjani, B. Immunotoxicity induced in mice by subacute exposure to berberine. J Immunotoxicol. (2016), 13(2), 255-262., @2016
142. Javad-Mousavi, S. A., Hemmati, A. A., Mehrzadi, S., Hosseinzadeh, A., Houshmand, G., Rashidi Nooshabadi, M. R., Mehrabani, M., Goudarzi, M. Protective effect of Berberis vulgaris fruit extract against Paraquat-induced pulmonary fibrosis in rats. Biomedicine & Pharmacotherapy, (2016), 81, 329-336., @2016
143. Mahdavi, N., Joukar, S., Najafipour, H., Asadi-Shekaari, M. The promising effect of barberry (Zereshk) extract against experimental pulmonary microvascular remodeling and hypertension: A comparison with sildenafil. Pharmaceutical Biology, (2016), 54(3), 509-515., @2016
144. Rafiee, F., Nejati, V., Heidari, R., Ashraf, H. Protective effect of methanolic extract of Berberis

integerrima Bunge. root on carbon tetrachloride-induced testicular injury in Wistar rats. Int J Reprod Biomed (Yazd). (2016), 14(2), 133-140., @2016

69. Mononen, I., Ivanov G.I., **Stoineva I.**, Noronkoski T., Petkov D.. Enzymatic synthesis of the N-glycosidic bond by β -aspartylation of glycosylamines. Biochemical and Biophysical Research Communications, 218, 2, Elsevier, 1996, DOI:10.1006/bbrc.1996.0091, 510-513. SJR:1.152

Цитирана се в:

145. Becerra Enríquez, J. E., Síntesis de fucosil-oligosacáridos, evaluación de sus propiedades bioactivas y caracterización de sus rutas metabólicas en Lactobacillus., @2016

70. **Antonov, L.**, Stoyanov, S.. Step by step filter - an approach for noise reduction in the derivative UV-Vis spectra. Analytica Chimica Acta, 324, 1, 1996, DOI:10.1016/0003-2670(96)00003-7, 77-83. ISI IF:4.513

Цитирана се в:

146. Li, Y., Pan, C., Xue, Y., Meng, X., Ding, Y., A novel signal enhancement method for overlapped peaks with noise immunity, Spectroscopy Letters, 2016, Volume 49, Pages 285-293, @2016

71. Stoyanova, T., Stoyanov, S., **Antonov, L.**, Petrova, V.. Ammonium-azonium tautomerism in some N,N-dialkylaminoazodyes: Part 1 - General considerations. Dyes and Pigments, 31, 1, 1996, DOI:10.1016/0143-7208(95)00095-X, 1-12. ISI IF:3.966

Цитирана се в:

147. Weston, C.E., Richardson, R.D., Fuchter, M.J., Photoswitchable basicity through the use of azoheteroarenes, Chemical Communications, 2016, Volume 52, Pages 4521-4524, @2016

1997

72. Taskova, R., Mitova, M., Evstatieva, L. N., Anceev, M., Peev, D., Handjieva, N., **Bankova, V.**, Popov, S.. Iridoids, flavonoids and terpenoids as taxonomic markers in Lamiaceae, Scrophulariaceae and Rubiaceae. Boccone, 5, 2, 1997, ISSN:1120-4060, 631-636

Цитирана се в:

148. Лѣйна, Т. В. Journal «ScienceRise» 2/4(19), 28 – 32, @2016

149. Frezza, F., Venditti, C., Di Cecco, M., Ciaschetti, G., Serafini, M., Bianco A. Natural Product Research, 31(2), 218-223 DOI: 10.1080/14786419.2016.1218490, @2016

150. Venditti, C., Frezza, F., Maggi, G., Lupidi, M. Bramucci, L. Quassinti, C. Giuliani, K. Cianfaglione, F. Papa, M. Serafini, A. Bianco. Fitoterapia 113, 35 - 43 , doi: 10.1016/j.fitote.2016.06.016, @2016

73. Binev, I.G., Binev, Y.I., **Stamboliyska, B.A.**, Juchnovski, I.N.. IR spectra and structure of benzylidenemalononitrile and its cyanide, methoxide and heptylamine adducts: Experimental and ab initio studies. Journal of Molecular Structure, 435, 3, Elsevier, 1997, ISSN:0022-2860, 235-245. SJR:0.405

Цитирана се в:

151. Agarwal, R. A., Mukherjee, S. Two-dimensional flexible Ni (II)-based porous coordination

polymer showing single-crystal to single-crystal transformation, selective gas adsorption and catalytic properties. Polyhedron, 2016, 105, 228-237., @2016

152. Li, Y. L., Zhao, D., Zhao, Y., Wang, P., Wang, H. W., Sun, W. Y., Synthesis, structure, and magnetic and catalytic properties of metal frameworks with 2, 2'-dinitro-4, 4'-biphenyldicarboxylate and imidazole-containing tripodal ligands, Dalton Transactions, 2016, 45, 8816-8823., @2016

153. Das, P., Deka, D., Solvent Free and Microwave-assisted Synthesis of Functionalized Trisubstituted Alkenes using Water Stable and Reusable Indium (III) Triflate as the Catalyst, Current Microwave Chemistry, 2016, 3, 238-246., @2016

74. Boudourova-Krasteva, G., **Bankova, V.**, Sforcin, J. M., Nikolova, N., Popov, S.. Phenolics from Brazilian propolis. Zeitschrift fuer Naturforschung C, 52c, 1997, 676-679. ISI IF:0.904

Цумупа се в:

154. Cavalcanti Liberato, M.C.T., de Moraes, S.M. "PRODUTOS APHCOLAS DO CEARA E SUAS ORIGENS FLORAIS", Editora da Universidade Estadual do Ceara, Fortaleza, 2016*, ISBN: 978-85-7826-336-2, @2016

155. Machorowska-Pieniążek, A., M. Skucha-Nowak, A. Mertas, M. Tanasiewicz, I. Niedzielska, T. Morawiec, S. Baron. eCAM Volume 2016, Article ID 2038407, 10 pages, @2016

75. Stoeva, S., **Dolashka, P.**, Genov, N., Voelter, W.. Multidomain structure of the Rapana thomasiana (Gastropod) hemocyanin structural subunit RHSS1.. Comp. Biochem. Physiol. B, 118 (4), 1997, 927-934

Цумупа се в:

156. Investigation of nutritional properties of three species of marine turban snails for human consumption., @2016

157. Investigation of nutritional properties of three species of marine turban snails for human consumption., @2016

158. Spectroscopic Investigation on the Interaction of Pb(II) with Keyhole Limpet Hemocyanin., @2016

76. **Simova, S.**, Sengstschmid, H., Freeman, R.. Proton Chemical-Shift Spectra. Journal of Magnetic Resonance, 124, 1, Elsevier, 1997, ISSN:10907807, DOI:10.1006/jmre.1996.1001, 104-121. SJR:1.03, ISI IF:2.51

Цумупа се в:

159. Kakita, V. M. R., Hosur, R. V., Non-Uniform-Sampling Ultrahigh Resolution TOCSY NMR: Analysis of Complex Mixtures at Microgram Levels, Chemphyschem, 17(15), pp. 2304-2308., @2016

160. Kakita, V. M. R., Vemulapalli, S. P. B., Bharatam, J., Band-selective excited ultrahigh resolution PSYCHE-TOCSY: fast screening of organic molecules and complex mixtures, Magnetic Resonance in Chemistry, 54(4), pp. 308-314., @2016

161. Mäkelä, V., Automated Analysis of Quantitative NMR Spectra, University of Helsinki, @2016

162. Sinnave, D., Foroozandeh, M., Nilsson, M., Morris, G. A., A General Method for Extracting Individual Coupling Constants from Crowded H-1 NMR Spectra, Angewandte Chemie-International Edition, 55(3), pp. 1090-1093., @2016

163. Timári, I., Mágneses magrezonancia (NMR) módszerek továbbfejlesztése szélessávú

164. Verma, A., Baishya, B., Real-time bilinear rotation decoupling in absorptive mode J-spectroscopy: Detecting low-intensity metabolite peak close to high-intensity metabolite peak with convenience, *Journal of Magnetic Resonance*, 266, pp. 51-58., @2016
77. Genov, M., **Dimitrov, V.**, Ivanova, V.. New δ -aminoalcohol for the enantioselective addition of dialkylzincs to aldehydes. *Tetrahedron Asymmetry*, 8, 22, Elsevier Ltd., 1997, ISSN:09574166, DOI:10.1016/S0957-4166(97)00534-X, 3703-3706. ISI IF:2.499

Цитируемые:

165. Asami, M., Hasome, A., Yachi, N., Hosoda, N., Yamaguchi, Y., Ito, S., Enantioselective addition of diethylzinc to aldehydes catalyzed by o-xylylene-type chiral 1, 4-amino alcohols with an aminated structure, *Tetrahedron Asymmetry*, 2016, 27, 322-329., @2016
166. Frensch, G., Labes, R., Wosch, C.L., Munaretto, L.D.S., Salomé, K.S., Guerrero, P.G., Jr., Marques, F.A., New chiral ligands derived from (+) and (-)- α -pinene for the enantioselective addition of diethylzinc to aldehydes, *Tetrahedron Letters*, 2016, 57, 420-422., @2016
78. Orrell, K. G., Osborne, A. G., Sik, V., Webba da Silva, M., Hursthouse, M. B., Hibbs, D. E., Abdul Malik, K. M., **Vassilev, N. G.** Stereochemically Non-rigid Transition Metal Complexes of 2,6-Bis[(1-phenylimino)ethyl]pyridine (BIP). Part 2. Dynamic NMR Studies of fac-[ReX(CO)3(BIP)] (X=Cl, Br or I). Crystal Structure of fac-[ReBr(CO)3(BIP)]. *J. Organomet. Chem.*, 538, Elsevier Science B.V., 1997, ISSN:0022-328X, DOI:10.1016/S0022-328X(96)06933-1, 171-183. SJR:0.732, ISI IF:2.336

Цитируемые:

167. Jurca, T., Ramadan, O., Korobkov, I., Richeson, D.S., Employing sterically encumbered bis(imino)pyridine ligands in support of fac-rhenium(I) carbonyls, *Journal of Organometallic Chemistry*, Volume 802, 15 January 2016, Pages 27-31, @2016
168. Philip Bulsink, Ahlam Al-Ghamdi, Prajesh Joshi, Ilia Korobkov, Tom Woo and Darrin Richeson, Capturing Re(I) in an neutral N, N, N pincer Scaffold and resulting enhanced absorption of visible light, *Dalton Trans.*, 2016, 45, 8885-8896, @2016
169. Xiaolu Song, Min Hwee Lim, Dara Khairunnisa Binte Mohamed, See Mun Wong, Jin Zhao, T.S. Andy Hor, Re(I) carbonyl complexes containing pyridyl-imine and amine ligands: Synthesis, characterization and their catalytic olefin epoxidation activities, *Journal of Organometallic Chemistry*, Volume 814, 15 July 2016, Pages 1-7, @2016

1998

79. **Budinova, T., Petrov, N.**, Minkova, V., Razvigorova, M.. Influence of thermooxidative treatment on the surface properties of anthracite. *Fuel*, 77, 6, Elsevier, 1998, ISSN:0016-2361, DOI:10.1016/S0016-2361(97)00141-5, 577-580. SJR:1.568, ISI IF:4.091

Цитируемые:

170. Li, X., Kang, Y., Effect of fracturing fluid immersion on methane adsorption/desorption of coal, *Journal of Natural Gas Science and Engineering*, Vol. 34, pp. 449-457. DOI:10.1016/j.jngse.2016.07.020, @2016
171. Lin, H.-L., Li, K.-J., Zhang, X., Wang, H., Structure Characterization and Model Construction of Indonesian Brown Coal, *Energy and Fuels*, Vol. 30, No 5, pp. 3809-3814. DOI:10.1021/acs.energyfuels.5b02696., @2016

80. **Bankova, V.**, Boudourova-Krasteva, G., Popov, S., Sforcin, J. M., Funari, S.R.C.. Seasonal variations of the chemical composition of Brazilian propolis. *Apidologie*, 29, 1998, 361-367. ISI IF:0.791

Цитупа се в:

172. Machado, B.A., Silva R.P., Barreto G.A., Costa S.S., Silva D.F., Brandão H.N., Rocha J.L., Dellagostin O.A., Henriques J.A., Umsza-Guez M.A., Padilha F.F. *PLoS One* 11(1):e0145954. doi: 10.1371/journal.pone.0145954, @2016
173. Pastana, R.F., G.H. Costa Vieira, P.a Pereira Machado. *Revista de Agricultura Neotropical, Cassilândia-MS*, 3(1), 12–15, @2016
174. Alić, B., N. Begić, L. Spiljak, E. Velagić-Habul, E. Sarić, D. Ramić. *Works of the Faculty of Agriculture and Food Sciences, University of Sarajevo* 66(1), 94 – 98, @2016
175. Sforcin, J.M. *Phytother. Res.* 30, 894–905, @2016
176. Somensi Zeggio, A.R. PhD Thesis, Universidade Federal de Santa Catarina, Florianópolis, 2016*, @2016
81. Iijima, T., Jojima, E., **Antonov, L.**, Stoyanov, S., Stoyanova, T.. Aggregation and tautomeric properties of C.I. Acid Red 138. *Dyes and Pigments*, 37, 1, 1998, DOI:10.1016/S0143-7208(97)00042-9, 81-92. ISI IF:3.545

Цитупа се в:

177. Özdemir, N., Quantum chemical study of tautomerism in 2-[(4-phenylthiazol-2-yl)hydrazonomethyl]phenol, *Computational and Theoretical Chemistry*, 2016, Volume 1086, Pages 12-17, @2016
82. **Popova, M.**, Minchev, Ch., Kanazirev, V.. Methanol conversion to light alkenes over SAPO-34 molecular sieves synthesized using various sources of silicon and aluminium. *Applied Catalysis A: General*, 196, 2, Elsevier, 1998, ISSN:0926-860X, 227-232. ISI IF:1.553

Цитупа се в:

178. Askari, S., Bashardoust Siahmard, A., Halladj, R., Miar Alipour, S., Different techniques and their effective parameters in nano SAPO-34 synthesis: A review, *Powder Technology*, 301, pp. 268-287, @2016
179. Álvaro-Muñoz, T., Márquez-Álvarez, C., Sastre, E., Mesopore-Modified SAPO-18 with Potential Use as Catalyst for the MTO Reaction, *Topics in Catalysis*, 59 (2-4), pp. 278-291, @2016
180. Bala, D.D., Chidambaram, D., Production of renewable aviation fuel range alkanes from algae oil, *RSC Advances*, 6 (18), pp. 14626-14634, @2016
181. Varzaneh, A.Z., Towfighi, J., Sahebdehfar, S., Carbon nanotube templated synthesis of metal containing hierarchical SAPO-34 catalysts: Impact of the preparation method and metal avidities in the MTO reaction, *Microporous and Mesoporous Materials*, 236, pp. 1-12., @2016
182. Song, C., Yang, H., Wang, Y., Feng, Y., Shi, X., Duan, H., Dry-gel conversion synthesis of SAPO-11 molecular sieves and their use in hydroisodewaxing of hydrocracking recycle oil, *Asia-Pacific Journal of Chemical Engineering*, 11 (6), pp. 846-854, @2016
83. **Antonov, L.**, Kawauchi, S., Satoh, M., Komiyama, J.. Theoretical investigations on the tautomerism of 1-Phenylazo-4-naphthol and its isomers. *Dyes and Pigments*, 38, 1-3, 1998, DOI:10.1016/S0143-7208(97)00082-X, 157-164. ISI IF:3.966

Цитира се в:

183. El-Sonbati, A.Z., El-Bindary, A.A., Mohamed, G.G., Morgan, S.M., Hassan, W.M.I., Elkholy, A.K., Geometrical structures, thermal properties and antimicrobial activity studies of azodye complexes, Journal of Molecular Liquids, 2016, Volume 218, Pages 16-34, @2016
84. Marcucci, M.C., Rodriguez, J., Ferreres, F., **Bankova, V.**, Grotto, R., Popov, S.. Chemical composition of propolis from Sao Paulo State. Zeitschrift fuer Naturforschung C, 53c, 1998, 117-119. ISI IF:0.839

Цитира се в:

184. Machado, B.A., Silva R.P., Barreto G.A., Costa S.S., Silva D.F., Brandão H.N., Rocha J.L., Dellagostin O.A., Henriques J.A., Umsza-Guez M.A., Padilha F.F. PLoS One 11(1):e0145954. doi: 10.1371/journal.pone.0145954, @2016
185. de Sousa, L. A., Coelho Moura, D., Evangelista-Rodrigues, A. Ci. & Tróp. Recife 39(2), 185-203, @2016
186. Sariçoban, C., Yerlikaya, S. Journal of Agroalimentary Processes and Technologies 22(2), 56-63, @2016
85. Christov, R., **Bankova, V.**, Hegazi, A., Abd El Hady, F., Popov, S.. Chemical composition of Egyptian propolis. Zeitschrift fuer Naturforschung C, 53c, 1998, 197-200. ISI IF:0.839

Цитира се в:

187. Elbaz, N.M., I.A..Khalil, A. Abd Rabou, I.M..El-Sherbiny. International Journal of Biological Macromolecules 92, 254–269, @2016
86. Noronkoski, T., **Stoineva, I.**, Ivanov, I.P., Petkov,D.D., Mononen, I.,. Glycosylasparaginase catalyzed Synthesis and Hydrolysis of b-Aspartyl Peptides. J Biol Chem, 273, 41, 1998, ISSN:0021-9258, DOI:10.1074/jbc.273.41.26295, 26295-26297. SJR:2.734

Цитира се в:

188. Cachumba, J. M., Antunes, F. A. F., Peres, G. F. D., Brumano, L. P., Santos, J. C., & Da Silva, S. S., Current applications and different approaches for microbial l-asparaginase production. Brazilian Journal of Microbiology., @2016
87. **Bankova, V.**, Christov, R., Marcucci, M.C., Popov, S.. Constituents of Brazilian geopropolis. Zeitschrift fuer Naturforschung C, 53c, 1998, 402-406. ISI IF:0.839

Цитира се в:

189. Martins Ribeiro, M.H., P.M. Correia de Albuquerque, C. Fernandes Pinto da Luz. Braz. J. Bot 39: 895-903 DOI 10.1007/s40415-016-0280-0, @2016
190. Alves de Souza, S. PhD Thesis, Universidad Federal Rural de Pernambuco, Recife, 2016, @2016
191. Batista, M.C.A., B.V. de Barros Abreu; R.P. Dutra; M.S. Cunha; F.M. Mendonça do Amaral; L.M.B. Torres; M.N. de Sousa Ribeiro. Acta Amazonica 46(3), 315 – 322 (, @2016
88. **Bankova, V.**, Christov, R., Delgado Tejera, A.. Lignans and other constituents of propolis from Canary Islands. 49, 1998, 1411-1415. ISI IF:1.179

Цитира се в:

192. Özkök, A., K. Sorkun, B. Salih. Hacettepe J. Biol. & Chem., 44(3), 317–328, @2016

193. Rami, A., Sheikhloie, H.*, Yousefi, A. R. JFST 61(13), , @2016

89. Razvigorova, M., **Budinova, T., Petrov, N.**, Minkova, V.. Purification of water by activated carbons from apricot stones, lignites and anthracite. Water Research, 32, 7, Elsevier, 1998, ISSN:0043-1354, DOI:10.1016/S0043-1354(97)00446-6, 2135-2139. SJR:2.692, ISI IF:6.279

Цитупа се в:

194. Wu, Y., Zhang, X., Kim, S.-Y., Wei, Y., Simultaneous separation and recovery of Cs(I) and Sr(II) using a hybrid macrocyclic compounds loaded adsorbent. Kinetic, equilibrium and dynamic adsorption studies, Journal of Nuclear Science and Technology, Vol. 53, No 12, pp. 1968-1977. DOI: 10.1080/00223131.2016.1175979., @2016

195. Biswas, S., Caram, H., Gupta, R., Chaudhury, M.K., Extraction of oil from an aqueous emulsion by coupling thermal swing with a capillary pump, Langmuir, Vol. 32, No 40, pp. 10213-10225. DOI: 10.1021/acs.langmuir.6b02938., @2016

90. **Bankova, V.**, Boudourova-Krasteva, G., Popov, S., Sforcin, J. M., Funari, S.R.C.. Seasonal variations in essential oil from Brazilian propolis,. Journal of Essential Oil Research, 10, 1998, ISSN:ISSN 1041-2905 (Print), 2163-8152 (Online), 693-696

Цитупа се в:

196. Ribeiro Guimarães, J.E. PhD Thesis, UNIVERSIDADE ESTADUAL PAULISTA –UNESP, CÂMPUS DE JABOTICABAL, 2016, @2016

91. **Momchilova, Sv., Nikolova-Damyanova, B.**, Christie, W.W.. Silver-ion High-performance liquid chromatography of isomeric cis- and trans-octadecenoic acids. Effect of the ester moiety and mobile phase composition.. Journal of Chromatography A, 793, Elsevier Science B.V., 1998, ISSN:0021-9673, 275-282. SJR:1.664, ISI IF:4.298

Цитупа се в:

197. Divito, E.B., Kroniser, K.M., Cascio, M., Multidimensional liquid chromatography coupled with tandem mass spectrometry for identification of bioactive fatty acyl derivatives, Frontiers in Physiology, 2016, Volume 7(DEC), Article number 608, @2016

92. **Simova, S.** Application of HSQC to the measurement of homonuclear coupling constants, J(H,H). Magnetic Resonance in Chemistry, 36, 7, John Wiley & Sons, 1998, ISSN:07491581, DOI:10.1002/(SICI)1097-458X(199807)36:7<505::AID-OMR300>3.0.CO;2-H, 505-510. SJR:0.43, ISI IF:1.179

Цитупа се в:

198. Georgescu, E., Nicolescu, A., Georgescu, F., Teodorescu, F., Shova, S., Marinoiu, A. T., Dumitrascu, F., Deleanu, C., Fine tuning the outcome of 1, 3-dipolar cycloaddition reactions of benzimidazolium ylides to activated alkynes, Tetrahedron, 72(19), pp. 2507-2520., @2016

1999

93. **Philipova, I., Dimitrov, V., Simova, S.** Synthesis of new enantiopure aminodiols and their use as ligands for the addition of diethylzinc to benzaldehyde. Tetrahedron Asymmetry, 10, 5, Elsevier, 1999, ISSN:09574166, DOI:10.1016/S0957-4166(99)00110, 1381-1391. SJR:0.806, ISI IF:2.647

Цитупа се в:

199. Lee, D.-S., Chang, S.-M., Ho, C.-Y., Lu, T.-J. Enantioselective Addition of Diethylzinc to Aldehydes Catalyzed by Chiral O, N, O-tridentate Phenol Ligands Derived from Camphor (2016) Chirality, 28 (1), pp. 65-71. ., @2016

94. Antonov, L., Gergov, G., Petrov, V., Kubista, M., Nygren, J.. UV-Vis spectroscopic and chemometric study on the aggregation of ionic dyes in water. Talanta, 49, 1, 1999, DOI:10.1016/S0039-9140(98)00348-8, 99-106. ISI IF:3.545

Цумура се в:

200. Shenava, S.M., Amin, A.B., Karant, R.M., Venkata, S.J., Ganugula, R., Synthesis of new rhodamine dyed copolymer nanodispersions for textiles-agglomeration and control with copolymer resins, Dyes and Pigments, 2016, Volume 133, Pages 424-434, @2016

201. Ganesh, T., Kannappan, V., Mohamed Kamil, M.G., Kumar, R., Investigation of molecular interaction between cefpodoxime acid and human mixtard insulin by ultrasonic and spectral methods, Journal of Pharmaceutical and Biomedical Analysis, 2016, Volume 129, Pages 237-245, @2016

202. Vara, J., Ortiz, C.S., Thiazine dyes: Evaluation of monomeric and aggregate forms, Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, Volume 166, Pages 112-120, @2016

203. Gürkan, R., Korkmaz, S., Altunay, N., Preconcentration and determination of vanadium and molybdenum in milk, vegetables and foodstuffs by ultrasonic-thermostatic-assisted cloud point extraction coupled to flame atomic absorption spectrometry, Talanta, 2016, Volume 155, Pages 38-46, @2016

204. Muntean, S.G., Szabadai, Z., Halip, L., Investigation of aggregation behavior using computational methods and absorption spectra for trisazo direct dyes, Structural Chemistry, 2016, Volume 27, Pages 1049-1059, @2016

205. Chapman, M., Mullen, M., Novoa-Ortega, E., Alhasani, M., Elman, J.F., Euler, W.B., Structural Evolution of Ultrathin Films of Rhodamine 6G on Glass, Journal of Physical Chemistry C, 2016, Volume 120, Pages 8289-8297, @2016

206. Das, D., Pal, A., Adsolubilization phenomenon perceived in chitosan beads leading to a fast and enhanced malachite green removal, Chemical Engineering Journal, 2016, Volume 290, Pages 371-380, @2016

207. Hansda, C., Chakraborty, U., Hussain, S.A., Bhattacharjee, D., Paul, P.K., Layer-by-layer films and colloidal dispersions of graphene oxide nanosheets for efficient control of the fluorescence and aggregation properties of the cationic dye acridine orange, Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, Volume 157, Pages 79-87, @2016

208. Liang, L., Zhao, L., Zeng, X., Synthesis, optical, and chemical properties of a π -extended rhodol derivative and its derivatives with selectivity and sensitivity for sensing Hg²⁺ in aqueous media, RSC Advances, 2016, Volume 6, Pages 85165-85172, @2016

95. Kasaikina, O.T., Kortenska, V.D., Kartasheva, Z.S., Kusnetsova, G.M., Maximova, T.V., Sirota, T.V., Yanishlieva, N.V.. Hydrocarbon and Lipid Oxidation in Micro Heterogeneous Systems Formed by Surfactants or Nanodispersed Al₂O₃, SiO₂ and TiO₂. Colloids and Surfaces. A. Physicochemical and Engineering Aspects, 149, ELSEVIER, 1999, ISSN:0927-7757, 29-38. SJR:0.793, ISI IF:2.752

Цумура се в:

209. Cui, L.a, Decker, E.A. Phospholipids in foods: Prooxidants or antioxidants? (Review) Journal of the Science of Food and Agriculture Volume 96, Issue 1, January 15, 2016, Pages 18-31, @2016

96. Ivanovska, N., **Philipov, S.**, Hristova, M.. Influence of berberine on T-cell mediated immunity. Immunopharmacology and Immunotoxicology, 21, 4, 1999, ISSN:0892-3973, 771-786. ISI IF:1.203

Цитупа се в:

210. Mahmoudi, M., Zamani Taghizadeh Rabe, S., Balali-Mood, M., Karimi, G., Memar, B., Rahnema, M., Tabasi, N., Khazaei, M., Riahi-Zanjani, B. Immunotoxicity induced in mice by subacute exposure to berberine. J Immunotoxicol. (2016), 13(2), 255-262., @2016
97. **Dolashka-Angelova, P.**, Hristova, R., Stoeva, S., Voelter, W.. Spectroscopic properties of Carcinus aestuarii hemocyanin and its structural subunits.. Spectrochim. Acta Part A, 55A (14), 1999, 2927-2934

Цитупа се в:

211. Extraordinary stability of hemocyanins from L. polyphemus and E. californicum studied using infrared spectroscopy from 294 to 20 K, @2016
98. Kujingiev, A., Tsvetkova, I., Serkedjieva, J., **Bankova, V.**, Christov, R., Popov, S.. Antibacterial, antifungal and antiviral activity of propolis from different geographic origin.. Journal of Ethnopharmacology, 3, 64, 1999, 235-240. ISI IF:0.687

Цитупа се в:

212. Atta, R.M., N.S. Alotibi, N.S. Elhwimal. Journal of Innovations in Pharmaceutical and Biological Sciences (JIPBS) 3(4), 80-84, @2016
213. Kalia, P., Kumar N.R., Harjai, K. BMC Complementary and Alternative Medicine, 16:485, DOI: 10.1186/s12906-016-1474-5, @2016
214. Fiordalisi, S. A., L. A. Honorato, M. R. Loiko, C. A. Avancini, M. B. Veleirinho, L. C. M. Filho, S. Kuhnen. Journal of Dairy Science 99(3), 2308-2318 doi:10.3168/jds.2015-9777, @2016
215. Li, H., F. Wu, J. Tan, K. Wang, C. Zhang, H. Zheng, F. Hu, Journal of Pharmaceutical and Biomedical Analysis 122, 21 – 29, , @2016
216. Usman, U.Z., Bakar, A.B.A., Mohamed, M. Biomedical Research (India) 27(1), 46-51, @2016
217. Akca, A.E., G. Akca, F.T. Topçu, E. Macit, L. Pıkdöken, I.F. Özgen. BioMed Research International Volume 2016, Article ID 3627463, 8 pages, @2016
218. Nina, N., Lima, B., Feresin, G.E., Giménez, A., Salamanca Capusiri, E., Schmeda-Hirschmann, G. Letters in Applied Microbiology, 62(3), 290-296, @2016
219. Dinkov, D., D. Stratev, R. Balkanska, D. Sergilidis. Journal of Food and Health Science, 2(2), 67-73, @2016
220. Shehu, A., S. Ismail, M.A. Khalili Rohin, A. Harun, A. Abd Aziz, M. Haque. Journal of Applied Pharmaceutical Science Vol. 6(2), 44-50, @2016
221. Tazawa, S., Y. Arai, S. Hotta, T. Mitsui, H. Nozaki, K. Ichihara. Natural Product Communications 11(2), 201-205, @2016
222. Dinkov, D., D. Stratev, R. Balkanska, D. Sergelidis, I. Vashin. J Bacteriol Virol. 46(1), 36-43., @2016
223. Takzaree, N., A. Hadjiakhondi, G. Hassanzadeh, M. Reza Rouini, A. Manayi. Acta Med Iran (4), 233-239, @2016
224. Salman, H.D. International Journal of Science and Research 5(4), 1514 – 1521, @2016

225. Gheybi, N., Bakhshi Biniyaz R, Taherkhani R, Jahani Hashemi H, Chegini R, Saremi M, Azhdari Zarmehri H, Najafipour R, Sofiabadi M. Quarterly of the Horizon of Medical Sciences 22(2), 145-150, @2016
226. Gomes M.F.F., Ítavo C.C.B.F., Leal C.R.B., Ítavo L.C.V., Lunas R.C. Pesquisa Veterinária Brasileira 36(4), 279-282, @2016
227. Chen M., W. Zhang, C.-L. Shao, Z.-M. Chi, C.-Y. Wang. Marine Biotechnology 18(3), 409 – 417, @2016
228. Stan, T., L. Marutescu, M.C. Chifiriuc, V. Lazar. Romanian Biotechnological Letters. 21(1), 11166 – 11175, @2016
229. Altunsoy, M., M. Tanrıver, U. Türkan, M.E. Uslu, S. Silici. Journal of Clinical Pediatric Dentistry 40(2), 136-140, @2016
230. Venegas, Y., C. Peña , E. Pastene, D. Contreras. Journal of Apicultural Research, 55(1), 8 -18 DOI: 10.1080/00218839.2016.1192374, @2016
231. Niedzielska, I., Z. Puszczewicz, A. Mertas, D. Niedzielski, B. Rózanowski, S. Baron, T. Konopka, A. Machorowska-Pieniążek, M. Skucha-Nowak, M. Tanasiewicz, T. Morawiec, J. Paluch, J. Markowski, B. Orzechowska-Wylęgała, W. Król. BioMed Research International Volume 2016, Article ID 9190814, 11 pages, @2016
232. Shabbir A, Rashid M, Tipu H N. Cureus 8(7): e682. doi: 10.7759/cureus.682, @2016
233. Cavalcanti Liberato, M.C.T., de Moraes, S.M. “PRODUTOS APHCOLAS DO CEARA E SUAS ORIGENS FLORAIS”, Editora da Universidade Estadual do Ceara, Fortaleza, 2016*, ISBN: 978-85-7826-336-2, @2016
234. Alić, B., N. Begić, L. Spiljak, E. Velagić-Habul, E. Sarić, D. Ramić. Works of the Faculty of Agriculture and Food Sciences, University of Sarajevo 66(1), 94 – 98, @2016
235. Sforcin, J.M. Phytother. Res. 30, 894–905, @2016
236. Lin, S.-q., Z.-l. Zhou, W.-Q. Yin. Chem. Pharm. Bull. 64(11), 1641 –1646. DOI:10.1248/cpb.c16-00362, , @2016
237. Jitviriyanon, S., P. Phanthong, P. Lomarat, N. Bunyapraphatsara, S. Porntrakulpipat, N. Paraksa. Veterinary Parasitology, 228, 96–102, @2016
238. Meto, A., A. Meto, E. Tragaj, M. Özcan. International Journal of Science and Research 5(7), 2041 – 2045, @2016
239. Devi, A., N.R Kumar, J. Kaur. International Journal of Basic and Applied Biology 3(1), 33-35, @2016
240. Hayet, E., K. Liouane, F. Thabti, F. Skhiri, M. Aouni, M. Mastour. Journal of Food and Nutrition Research 4(9), 596-599, @2016
241. Šuran, J., K. Matanović, D. Brozić, T. Mašek, N. Maćešić, L. Radin, J. Aladrović, F. Božić, B. Šeol Martinec, M. Lipar, O. Smolec, M. Benić, B. Radić, G. Bačić. Veterinarska Stanica 47(4), 381 – 385, @2016
242. González-Ponce, H.A., M.C. Martínez-Saldaña, A.R. Rincón-Sánchez, M.T. Sumaya-Martínez, M. Buist-Homan, K.N. Faber, H. Moshage, F. Jaramillo-Juárez. Nutrients, 8, 607 doi:10.3390/nu8100607, @2016
243. Kim, H.B., Yoo, B.S. Toxicol. Res. 32(4), 345-351, @2016
244. Bin-Shuwaish, M.S. The Journal of Contemporary Dental Practice, 17(10), 867-879, @2016
245. Boufadi, Y.M., J. Soubhye, J. Neve, P. Van Antwerpen, A.Riazi. International Journal of Food

246. Shashikala, A. International Journal of Pharma and Bio Sciences 7(4), B795-B798, @2016
 247. Diab, A.E.-A.A., Hamza R.Z. Journal of Advances in Medical and Pharmaceutical Sciences JAMPS, 7(4): 1-10, Article no.JAMPS.24196, , @2016
 248. Segueni, N., A. Zellagui, F. Moussaoui, M. Lahouel, S. Rhouati, Arabian Journal of Chemistry 9(Supplement 1), S425-S428, @2016
 249. Farghaly, D.S. Middle East Journal of Applied Sciences 6(3), 468-473, @2016
 250. Yang, Y., T. Zhang, Z. Dong, Y. Wu, X. Hong, T. Hu. Evidence-Based Complementary and Alternative Medicine Volume 2016, Article ID 9125327, 7 pages;, @2016
 251. Sariçoban, C., Yerlikaya, S. Journal of Agroalimentary Processes and Technologies 22(2), 56-63, @2016
 252. Zhang, J., X. Shen, K. Wang, X. Cao, C. Zhang, H. Zheng, F. Hu. Pharmaceutical Biology, 54(10), 2220-2235, @2016
 253. Aslani, A., Malekpour N. Dent Res J 13, 484-93, @2016
 254. Chinsembu, K.C. Acta Tropica, 154, 6 – 18, @2016
99. **Bankova, V.S.**, Koeva-Todorovska, J., Stambolijska, T., Ignatova-Groceva, M.-D., **Todorova, D.**, Popov, S.. Polyphenols in Stachys and Betonica species (Lamiaceae). Zeitschrift fur Naturforschung - Section C Journal of Biosciences, 54, 11, Verlag der Zeitschrift fur Naturforschung, 1999, ISSN:0939-5075, 876-880. SJR:0.197, ISI IF:0.552
- Цумупа се в:
255. Grozeva, N.H., M.A. Gerdzhikova, D.H. Pavlov, G.D. Panayotova, M.H. Todorova. Acta Bot. Croat. 75(1), 81–88, @2016
100. Marcucci, M.C., **Bankova, V. S.** Chemical composition, plant origin and biological activity of Brazilian propolis.. Current Topics in Phytochemistry, 2, 1999, 115-123
- Цумупа се в:
256. Mazia, R.S., R.R. de Araújo Pereira, L.M. Belloto de Francisco, M.R. Marçal Natali, B.P. Dias Filho, C.V. Nakamura, M.L. Bruschi, T. Ueda-Nakamura. Journal of Pharmaceutical Sciences, 105(1), 113-121, @2016
 257. Ibrahim, N., Zakaria, A.J., Ismail, Z., Mohd, K.S. International Journal of Pharmacognosy and Phytochemical Research 8(1), 156-161, @2016
 258. Machorowska-Pieniążek, A., M. Skucha-Nowak, A. Mertas, M. Tanasiewicz, I. Niedzielska, T. Morawiec, S. Baron. eCAM Volume 2016, Article ID 2038407, 10 pages, @2016
 259. Melo, L. Santos de Mendonça. Tese (doutorado em Biotecnologia) – Rede Nordeste de Biotecnologia – RENORBIO, Universidade Federal de Sergipe, São Cristóvão (SE) 2016, @2016
 260. Somensi Zeggio, A.R. PhD Thesis, Universidade Federal de Santa Catarina, Florianópolis, 2016, @2016
 261. Shashikala, A. International Journal of Pharma and Bio Sciences 7(4), B795-B798 (, @2016
 262. Segueni, N., A. Zellagui, F. Moussaoui, M. Lahouel, S. Rhouati, Arabian Journal of Chemistry 9(Supplement 1), S425-S428, @2016

263. Sariçoban, C., Yerlikaya, S. Journal of Agroalimentary Processes and Technologies 22(2), 56-63, @2016

101. Christov, R., **Bankova, V.**, Tsvetkova, I., Kujimgiev, A., Derlgado Tejera, A.. Antibacterial furofuran lignans from Canary Islands propolis. Fitoterapis, 70, 1999, 89-92

Цумура се в:

264. Ibrahim, N., Zakaria, A.J., Ismail, Z., Mohd, K.S. International Journal of Pharmacognosy and Phytochemical Research 8(1), 156-161, @2016

102. **Todorova M.N.**, Tsankova E.T.. New sesquiterpenoids from Achillea clypeolata. Phytochemistry, 52, 8, 1999, ISSN:ISSN: 0031-9422, 1515-1518. ISI IF:1.106

Цумура се в:

265. Yu, J.S., Baek, J., Park, H.B., (...), Choi, S.U., Kim, K.H. A new rearranged eudesmane sesquiterpene and bioactive sesquiterpenes from the twigs of Lindera glauca (Sieb. et Zucc.) Blume, Archives of Pharmacal Research, 39 (12), pp. 1628-1634, @2016

103. **Bankova, V.**, Christov, R., Popov, S., Marcucci, M.C., Tsvetkova, I., Kujimgiev, A.. Antibacterial activity of essential oils from Brazilian propolis. Fitoterapia, 70, 1999, 190-193

Цумура се в:

266. Grobler, S.R., A. Olivier, H.W. Kruijsse, V.T. Perchyonok. Int J Dentistry Oral Sci 3(10), 337-339, @2016

267. Tiveron, A.P., Rosalen P..L, Franchin M., Lacerda R.C., Bueno-Silva B., Benso B., Denny C., Ikegaki M., Alencar S.M. PLoS One 11(11):e0165588. doi: 10.1371/journal.pone.0165588, @2016

104. **Bankova, V.**, Boudourova-Krasteva, G., Sforcin, J. M., Frete, X., Kujimgiev, A., Maimoni-Rodella, R, Popov, S.. Phytochemical evidence for the plant origin of Brazilian propolis from Sao Paulo state.. Zeitschrift fuer Naturforschung C, 54c, 1999, 401-405. ISI IF:0.748

Цумура се в:

268. Alday, E., M. Navarro-Navarro, A. Garibay-Escobar, R. Robles-Zepeda, J. Hernandez, C. Velazquez. In : Chambo, E.D. (Editor) "Beekeeping and Bee Conservation - Advances in Research", ISBN 978-953-51-2412-2, Print ISBN 978-953-51-2411-5, INTECH, 2016, @2016

269. Branco, B.S., Rodrigues, T.S., Lima, É.D., Calloni, C., Scola, G., Salvador, M. J Org Inorg Chem , 2(1):1, @2016

270. Sabir A. Journal of Apiculture 31(1), 135~142, @2016

271. Somensi Zeggio, A.R. PhD Thesis, Universidade Federal de Santa Catarina, Florianópolis, 2016, @2016

105. Ognyanova, V., Andreev, G.N., **Stamboliyska, B.**, **Juchnovski, I.N.**. Vibrational spectra and structure of N-(4-cyanobenzylidene)-aniline, its ¹⁵N and D5 isotopomers and their monomeric dianions: An experimental and ab initio study. Journal of Molecular Structure, 513, 1-3, 1999, ISSN:0022-2860, DOI:10.1016/S0022-2860(99)00126-X, 139-148. SJR:0.463, ISI IF:1.65

Цумура се в:

272. Zoubi, W.A., Kandil, F., Chebani, M.K., Solvent extraction of chromium and copper using Schiff base derived from terephthaldialdehyde and 5-amino-2-methoxy-phenol, Arabian Journal

106. Binev I., **Velcheva E.**. IR Studies on the Validity of Constants of Ionic Substituents in the Benzylidenemalononitrile Series. Spectroscopy Letters, 32, 5, Taylor&Francis, 1999, ISSN:00387010, 793-802. ISI IF:0.885

Цитупа се в:

273. Nummert, V., Piirsalu, M., Vahur, S., Toom, L., Leito, I., and Koppel, I. A. Effects of neutral and charged substituents on the infrared carbonyl stretching frequencies in phenyl and alkyl benzoates in DMSO. J. Phys. Org. Chem., (2016) doi: 10.1002/poc.3608., @2016
107. Kostova, I., Ivanova, A., **Mikhova, B.**, Klaiber, I.. Alkaloids and Coumarins from Ruta Graveolens. Monatshefte fur Chemie; Chemical Monthly, 130, 5, Springer, 1999, ISSN:ISSN:0026-9247; E-ISSN:1434-4475, 703-707. ISI IF:1.15

Цитупа се в:

274. Li, W., Sun, X., Liu, B., Zhang, L., Fan, Z., Ji, Y. Screening and identification of hepatotoxic component in Evodia rutaecarpa based on spectrum–effect relationship and UPLC-Q-TOFMS (2016) Biomedical Chromatography, 30 (12), pp. 1975-1983., @2016

2000

108. **Bankova, V.**, Marcucci, M.C.. Standardization of propolis: Present status and perspectives.. Bee World, 81, 4, 2000, 182-188. ISI IF:0.829

Цитупа се в:

275. Somensi Zeggio, A.R. PhD Thesis, Universidade Federal de Santa Catarina, Florianópolis, 2016, @2016
109. **Antonov, L.**, Fabian, W.M.F., **Nedeltsheva, D.**, Kamounah, F.S.. Tautomerism of 2-hydroxynaphthaldehyde Schiff bases. JCS Perkin Transactions 2, 6, 2000, DOI:10.1039/B000798F, 1173-1179. ISI IF:1.95

Цитупа се в:

276. Chen, Z., Guieu, S., White, N.G., Lelj, F., MacLachlan, M.J., The Rich Tautomeric Behavior of Campestarenes, Chemistry - A European Journal, 2016, Volume 22, Pages 17657-17672, @2016
277. Panigrahi, S., Misra, P.K., The effect of solvent on electronic absorption bands of some Benzylideneanilines, Journal of Molecular Liquids, 2016, Volume 224, Pages 53-61, @2016
278. Gandhimathi, S., Balakrishnan, C., Venkataraman, R., Neelakantan, M.A., Crystal structure, solvatochromism and estimation of ground and excited state dipole moments of an allyl arm containing Schiff base: Experimental and theoretical calculations, Journal of Molecular Liquids, 2016, Volume 219, Pages 239-250, @2016
279. Adriano Junior, L., Fonseca, T.L., Castro, M.A., Solvent effects on the absorption spectrum and first hyperpolarizability of keto-enol tautomeric forms of anil derivatives: A Monte Carlo/quantum mechanics study, Journal of Chemical Physics, 2016, Volume 144, Article number 234511, @2016
280. Ziegenbalg, S., Hornig, D., Görls, H., Plass, W., Cobalt(II)-Based Single-Ion Magnets with Distorted Pseudotetrahedral [N2O2] Coordination: Experimental and Theoretical Investigations,

281. Bagheri, F., Olyaei, A., A novel approach toward the synthesis of some new tridentate Schiff bases from anil-like compounds, Journal of the Serbian Chemical Society, 2016, Volume 81, Pages 1111-1119, @2016
282. Shweta, Neeraj, Asthana, S.K., Mishra, R.K., Upadhyay, K.K., Design-specific mechanistic regulation of the sensing phenomena of two Schiff bases towards Al³⁺, RSC Advances, 2016, Volume 6, Pages 55430-55437, @2016

110. Kostova, K., Genov, M., Philipova, I., Dimitrov, V.. New bis-steroidal axially chiral diols as ligands for the asymmetric addition of diethylzinc to aldehydes. Tetrahedron: Asymetry, 11, 16, Elsevier, 2000, ISSN:0957-4166, DOI:10.1016/S0957-4166(00)00291-3, 3253-3256. SJR:0.669, ISI IF:2.155

Цитупа се в:

283. Frensch, G., Labes, R., Wosch, C.L., Munaretto, L.D.S., Salomé, K.S., Guerrero, P.G., Marques, F.A. New chiral ligands derived from (+) and (-)- α -pinene for the enantioselective addition of diethylzinc to aldehydes (2016) Tetrahedron Letters, 57 (3), pp. 420-422., @2016

111. Todorova, M., Christov, R., Evstatieva, L.. Essential oil composition of three Sideritis species from Bulgaria. Journal of Essential Oil Research, 2000, ISSN:1041-2905, SJR:0.619, ISI IF:0.384

Цитупа се в:

284. Secondary Metabolites, Glandular Trichomes and Biological Activity of Sideritis montana L. subsp. montana from Central Italy, @2016

112. Stamboliyska, B.A., Binev, Y.I., Radomirska, V.B., Tsenov, J.A., Juchnovski, I.N.. IR spectra and structure of 2,5-pyrrolidinedione (succinimide) and of its nitranion: Experimental and ab initio MO studies. Journal of Molecular Structure, 516, Elsevier, 2000, ISSN:0022-2860, DOI:10.1016/S0022-2860(99)00200-8, 237-245. SJR:0.405

Цитупа се в:

285. Polgar, L. M., van Duin, M., & Picchioni, F., The Preparation and Properties of Thermo-reversibly Cross-linked Rubber Via Diels-Alder Chemistry, Journal of Visualized Experiments, 2016, 114, e54496-e54496., @2016

113. Minkova, V., Marinov, S.P., Zanzi, R., Bjornbom, E., Budinova, T., Stefanova, M., Lakov, L.. Thermochemical treatment of biomass in a flow of steam or in a mixture of steam and carbon dioxide. Fuel Processing Technology, 62, 1, Elsevier, 2000, ISSN:0378-3820, DOI:10.1016/S0378-3820(99)00065-X, 45-52. SJR:1.571, ISI IF:4.031

Цитупа се в:

286. Shoaib Muhammad, Al-Swaidan Hassan M. Optimization of activation temperature on the preparation of sliced porous activated carbon from date fronds by physical activation, Hemijiska industrija 2016 OnLine-First Issue 00, Pages: 22-22., @2016
287. Wei, L., Karahan, H.E., Zhai, S., Yuan, Y., Qian, Q., Goh, K., Ng, A.K., Chen, Y., Microbe-derived carbon materials for electrical energy storage and conversion, Journal of Energy Chemistry, V. 25, pp. 191-198 (2016), @2016
288. Sabrina A. Beker, Maria Elisabete Machado, Gabriela P. S. Maciel, Rosângela Silva, Renato Cataluña, Elina B. Caramão, Fatima M. Bento, Antimicrobial Potential of Bio-Oil for Use in Diesel Oil B10, Journal of the Brazilian Chemical Society, vol.27 no.1, pp.91-98, São Paulo Jan. 2016, @2016

- 114. Philipov, S.,** Ivanovska, N., Istatkova, R., **Velikova, M.,** Tuleva, P.. Phytochemical study and cytotoxic activity of alkaloids from *Uvaria chamae* P. Beauv. *Pharmazie*, 55, 2000, 688-689. ISI IF:0.47

Цитупа се в:

- 289.** Adepiti, A. O., Iwalewa, E. O. Evaluation of the combination of *Uvaria chamae* (P. Beauv.) and amodiaquine in murine malaria. *Journal of Ethnopharmacology*, (2016), 4(193), 30-35., @2016

- 115. Velikova, M., Bankova, V.,** Marcucci, M.C., Tsvetkova, I., Kujumgiev, A.. Chemical composition and biological activity of propolis from Brazilian Meliponinae. *Z. Naturforsch*, 55c, 2000, 785-789. ISI IF:0.71

Цитупа се в:

- 290.** Quintero-Rincon, P., Fontal B., Fonseca Y., Bellandi F., Contreras R., Vielma-Puente J., Carrillo F., Gonzalez-Romero A., Velasquez J. *Emir. J. Food Agric*. 28(12), 865-871, @2016

- 291.** Alves de Souza, S. PhD Thesis, Universidad Federal Rural de Pernambuco, Recife, 2016., @2016

- 292.** Batista, M.C.A., B.V. de Barros Abreu; R.P. Dutra; M.S. Cunha; F.M. Mendonça do Amaral; L.M.B. Torres; M.N. de Sousa Ribeiro. *Acta Amazonica* 46(3), 315 – 322 (2016)., @2016

- 293.** Nishimura, E., S. Murakami, K. Suzuki, K. Amano, R. Tanaka, T. Shinada. *Asian J. Org. Chem*. 2016, DOI: 10.1002/ajoc.201600106., @2016

- 294.** Shashikala, A. *International Journal of Pharma and Bio Sciences* 7(4), B795-B798 (2016)., @2016

- 116. Spassova, M,** Kolev, T, Kanev, I, Jacquemin, D, Champagne, B. Structure and Nonlinear Electrical Properties of Squaric Acid Derivatives: A Theoretical Study of the Conformation and Deprotonation Effects. *J. Mol. Struct. (Theochem)*, 528, Elsevier, 2000, ISSN:0166-1280, 151-159. ISI IF:1.371

Цитупа се в:

- 295.** P. Prabu, M. Kayalvizhi, C. Ramachandra Raja, G. Vasuki, *Optik*, 127(2016) 1660–1664. <http://dx.doi.org/10.1016/j.ijleo.2015.11.047>, @2016

- 117. Velikova, M., Bankova, V.,** Tsvetkova, I., Kujumgiev, A., Marcucci, M. C.. Antibacterial ent-kaurene from Brazilian propolis of native stingless bees. *Fitoterapia*, 71, 2000, 693-696. ISI IF:0.28

Цитупа се в:

- 296.** Nishimura, E., S. Murakami, K. Suzuki, K. Amano, R. Tanaka, T. Shinada. *Asian J. Org. Chem*. 2016, DOI: 10.1002/ajoc.201600106, @2016

- 297.** Lopes, A.A., E.S. Pina, T.T. Nader, F.B. Da Costa, A.M.S. Pereira, M.T. Pupo. *Phytochemistry Letters* 18, 162-167 (2016)., @2016

- 298.** Arpášová H., P. Haščík, V. Pistová, M. Mellen, B. Gálik, M. Fik. *Animal Science and Biotechnologies*, 49(2), 10 – 15 (2016)., @2016

- 299.** Babaei, S. S. Rahimi, M.A. Karimi Torshizi, G. Tahmasebi, S.N. Khaleghi Miran. *Veterinary Research Forum*. 7(1), 13 – 20 (2016)., @2016

- 300.** Gheybi N, Bakhshi Biniyaz R, Taherkhani R, Jahani Hashemi H, Chegini R, Saremi M, Azhdari Zarmehri H, Najafipour R, Sofiabadi M. *Quarterly of the Horizon of Medical Sciences* 22(2), 145-150 (2016)., @2016

301. Naseh M., N. Gheibi, H. Jahanihashemi, E. Azizlou, Z. Alizadeh Tabari. J Mash Dent Sch 40(2), 167-76 (2016)., @2016

118. Marcucci, M.C., Ferreres, F., Custodio. A.R., Ferreira, M.M.C., **Bankova, V. S.**, Garcia-Viguera, C., Bretz, W.A.. Evaluation of phenolic compounds in Brazilian propolis from different geographic regions. Zeitschrift fuer Naturforschung C, 55c, 2000, 76-81. ISI IF:0.709

Цумупа се в:

302. Pastana, R.F., G.H. Costa Vieira, P. Pereira Machado. Revista de Agricultura Neotropical, Cassilândia-MS, 3(1), 12–15, @2016

303. Tazawa, S., Y. Arai, S. Hotta, T. Mitsui, H. Nozaki, K. Ichihara. Natural Product Communications 11(2), 201-205, @2016

304. Sariçoban, C., Yerlikaya, S. Journal of Agroalimentary Processes and Technologies 22(2), 56-63, @2016

305. De Roover, K., E. Ceulemans, P. Giordani. Chemometrics and Intelligent Laboratory Systems, 156, 249-259, @2016

306. Porcari, A.M., G.D. Fernandes, D. Barrera-Arellano, M.N. Eberlin, R.M. Alberici. Analyst 141(4):1172-84 DOI: 10.1039/c5an01415h, @2016

119. **Velikova, M., Bankova, V.**, Sorkun, K., Houcine, S., Tsvetkova, I., Kujumgiev, A.. Propolis from the Mediterranean region: chemical composition and antimicrobial activity. Z. Naturforsch, 55c, 2000, 790-793. ISI IF:0.71

Цумупа се в:

307. Montes, R.C., A.L.A.L. Perez, C.I.S. Medeiros, M. Oliveira de Araújo, E. de Oliveira Lima, M.T. Scotti, D.P. de Sousa. Molecules, 21(12), 1716 doi:10.3390/molecules21121716, @2016

308. Jerković, I., Marijanović, Z., Kuš, P.M., Tuberoso, C.I.G. Comprehensive Study of Mediterranean (Croatian) Propolis Peculiarity: Headspace, Volatiles, Anti-Varroa-Treatment Residue, Phenolics, and Antioxidant Properties. Chemistry and Biodiversity 13 (2), 210-218, 2016., @2016

309. Sforcin, J.M. Biological Properties and Therapeutic Applications of Propolis. Phytotherapy Research 30(6), 894-905, 2016., @2016

310. Rizzolo, A., Bianchi, G., Povolo, M., Migliori, C.A. Contarini, G., Pelizzola, V., Cattaneo, T.M.P. Volatile compound composition and antioxidant activity of cooked ham slices packed in propolis-based active packaging. Food Packaging and Shelf Life 8, 41-49, 2016., @2016

120. Orsi, O., Funari, S.R.C., Soares, A. M. V. C., Calvi, S.A., Oliveira, S.M., Sforcin, J. M., **Bankova, V.** Immunomodulatory action of propolis on macrophage activation. J. Venom. Anim. Toxins, 6, 2, 2000, 205-219

Цумупа се в:

311. Alday, E., M. Navarro-Navarro, A. Garibay-Escobar, R. Robles-Zepeda, J. Hernandez, C. Velazquez. In : Chambo, E.D. (Editor) "Beekeeping and Bee Conservation - Advances in Research", ISBN 978-953-51-2412-2, Print ISBN 978-953-51-2411-5, INTECH, 2016, @2016

312. Shaddel-Tili, A., B. Eshratkhan, H. Kouzehgari & M. Ghasemi-Sadabadi, . Bulg. J. Vet. Med. (online first) DOI: 10.15547/bjvm.986, @2016

313. Sabir A. Journal of Apiculture 31(1), 135-142, @2016

121. **Nikolova-Damyanova, B., Momchilova, Sv.,** Christie, W.W.. Silver-ion high-performance liquid chromatographic separation of conjugated linoleic acid isomers, and other fatty acids, after conversion to p-methoxyphenacyl derivatives. *Journal of High Resolution Chromatography*, 23, 4, WILEY-VCH Verlag GmbH, 2000, ISSN:1615-9314, 348-352. SJR:0.847, ISI IF:2.734

Цумура ce в:

314. Czajkowska-Myslek, A., Siekierko, U., Gajewska, M., Application of Silver Ion High-Performance Liquid Chromatography for Quantitative Analysis of Selected n-3 and n-6 PUFA in Oil Supplements, *Lipids*, 2016, Volume 51 (4), Pages 413-421, @2016
315. Hammann, S., Kröpfl, A., Vetter, W., More than 170 polyunsaturated tocopherol-related compounds in a vitamin E capsule: Countercurrent chromatographic enrichment, gas chromatography/mass spectrometry analysis and preliminary identification of the potential artefacts, *Journal of Chromatography A*, 2016, Volume 1476, Pages 77-87, @2016
316. Al-Rimawi, F., Abadi, J., Afaneh, I., Development and Validation of a Reversed-Phase HPLC Method for Determination of Elaidic Acid in Oils and Fats, *British Journal of Applied Science and Technology*, 2016, Volume 12, Pages 1-9, @2016
122. Kolev, T.M., **Stamboliyska, B.A.** Vibrational spectra and structure of benzophenone and its 18O and d10 labelled derivatives: An ab initio and experimental study. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, 56, 1, Elsevier, 2000, ISSN:1386-1425, DOI:10.1016/S1386-1425(99)00123-7, 119-126. SJR:0.595

Цумура ce в:

317. Xavier, S., Periandy, S., Carthigayan, K., & Sebastian, S., Molecular docking, TG/DTA, molecular structure, harmonic vibrational frequencies, natural bond orbital and TD-DFT analysis of diphenyl carbonate by DFT approach, *Journal of Molecular Structure*, 2016, 1125, 204-216., @2016
123. Sforcin, J. M., Fernandes, A., Lopes, C.A., **Bankova, V.,** Funari, R.S.. Seasonal effect on Brazilian propolis antibacterial activity. *Journal of Ethnopharmacology*, 73, 1-2, 2000, 243-249. ISI IF:0.575

Цумура ce в:

318. Ramos, K.; Andereani Junior, R.; Kozusni-Andereani, D.I. *Rev. bras. plantas med.* 18(2, supl. 1), 605-612, @2016
319. de Lima, G.G., R.O. de Souza, A.D. Bozzi, M.A. Poplawska, D.M. Devine, M.J.D. Nugent. *Journal of Pharmaceutical Sciences*, 105(3), 1248 - 1257, @2016
320. Bueno-Silva, B., A. Marsola, M. Ikegaki, S.M. Alencar, P.L. Rosalen, *Natural Product Research*, (2016) DOI: 10.1080/14786419.2016.1239088, @2016
321. Boufadi, Y.M., J. Soubhye, J. Neve, P. Van Antwerpen, A.Riazi. *International Journal of Food Science and Technology* 51(12), 2613–2620 (2016)*, doi:10.1111/ijfs.13247, @2016
322. Jenkins, R.E., H.L. Brown, A.E. Roberts, R. Cooper. *Medical Research Archives* 4(8), DOI: <http://dx.doi.org/10.18103/mra.v4i8.887>, @2016
323. Atta, R.M., N.S. Alotibi, N.S. Elhwimal. *Journal of Innovations in Pharmaceutical and Biological Sciences (JIPBS)* 3(4), 80-84, @2016
324. Kalia, P., Kumar N.R., Harjai, K. *BMC Complementary and Alternative Medicine*, 16:485, DOI: 10.1186/s12906-016-1474-5, @2016
325. Bezerra, G.B., L. de Menezes de Souza, A.S. dos Santos, G.K. Melo de Almeida, M.T. Santana

Souza, S. Lauton Santos, E.A. Camargo, B. dos Santos Lima, A.A. de Souza Araújo, J.C. Cardoso, S.V.F. Gomes, M.Z. Gomes, R.L. Cavalcanti de Albuquerque Júnior. Biomedicine & Pharmacotherapy, Available online 7 December 2016*, <http://dx.doi.org/10.1016/j.biopha.2016.11.080>., @2016

326. Roberto Castro-Falcóna, R., M.G. Pulido-Ávilab, A. Muñoz-Uríasc, A.E. Islas-Rodríguez. Rev. Latinoamer. Quím. 44(1), 7-16, @2016
 327. Fiordalisi, S. A., L. A. Honorato, M. R. Loiko, C. A. Avancini, M. B. Veleirinho, L. C. M. Filho, S. Kuhnen. Journal of Dairy Science 99(3):2308-18.doi:10.3168/jds.2015-9777, @2016
 328. Akca, A.E., G. Akca, F.T. Topçu, E. Macit, L. Pıkdöken, I.F. Özgen. BioMed Research International Volume 2016, Article ID 3627463, 8 pages, @2016
 329. Abdul-Hamid, M., Salah, M. Toxicology and Industrial Health 32(2), 313-322, @2016
 330. Sampietro, D.A., Sampietro Vattuone, M.M., Vattuone, M.A. LWT - Food Science and Technology, 70, 9-15, @2016
 331. Salman, H.D. International Journal of Science and Research 5(4), 1514 – 1521, @2016
 332. Bozbay, C.K., K. Konanc, N. Ocak, E. Öztürk. Turk J Agric Res 3, 48-54, @2016
 333. Tawiah B, Badoe W, Fu S. FIBRES & TEXTILES in Eastern Europe 24, 3(117): 136-149, @2016
 334. Gomes M.F.F., Ítavo C.C.B.F., Leal C.R.B., Ítavo L.C.V., Lunas R.C. Pesquisa Veterinária Brasileira 36(4), 279-282, @2016
 335. Alday, E., M. Navarro-Navarro, A. Garibay-Escobar, R. Robles-Zepeda, J. Hernandez, C. Velazquez. In : Chambo, E.D. (Editor) "Beekeeping and Bee Conservation - Advances in Rehe problem search", ISBN 978-953-51-2412-2, Print ISBN 978-953-51-2411-5, INTECH, 2016, @2016
 336. Tartik, M., E. Darendelioglu, G. Aykutoglu, G. Baydas. Biomedicine & Pharmacotherapy, 82, 704-712, @2016
 337. Gibriel, AY., M.H. Abdeldaiem, H.G.M. Ali. Arab Journal of Nuclear Science and Applications, 94(2), 140-150, @2016
 338. Mousavi, M., Mannani R., Mottaghi M., Torkan B., Afrouzan H. ZUMS Journal 24(106), 42-50, @2016
 339. D'Souza, E.; Mantri, J.; Surti, A. Indian Journal of Natural Products and Resources 7(2), 135 - 140, @2016
 340. Sabir A. Journal of Apiculture 31(1), 135~142, @2016
 341. Farghaly, D.S. Middle East Journal of Applied Sciences 6(3), 468-473, @2016
 342. Sarıçoban, C., Yerlikaya, S. Journal of Agroalimentary Processes and Technologies 22(2), 56-63, @2016
124. **Petrov, N., Budinova, T.,** Razvigorova, M, Ekinici, E., Ferhat Yardim, M., Minkova, V.. Preparation and characterization of carbon adsorbents from furfural. Carbon, 38, 15, Elsevier, 2000, ISSN:0008-6223, DOI:10.1016/S0008-6223(00)00063-4, 2069-2075. SJR:1.996, ISI IF:6.89

Цумупа се в:

343. Fatma, M., Boughrara, S., Ali, B., Krim, L., Removal of paracetamol onolive stones and date pits heat treated: Kinetics, equilibrium and thermodynamic studies, Research Journal of Chemistry and Environment, Vol. 20, No 10, pp. 11-20., @2016

125. Panev, S., **Dimitrov, V.** Cerium(III) chloride promoted addition of organometallic reagents to (-)-menthone-preparation of chiral neomenthyl derivatives. Tetrahedron Asymmetry, 11, 7, Elsevier Science Ltd., 2000, ISSN:09574166, DOI:10.1016/S0957-4166(00)00087-2, 1517-1526. ISI IF:2.797

Цумура се в:

344. Kim, J.E., Zabula, A.V., Carroll, P.J., Schelter, E.J., 1, 2-Addition or Enolization? Variable Reactivity of a Cerium Acetylide Complex toward Carbonyl Compounds, Organometallics, 2016, 35, 2086-2091., @2016
126. **Spassova, M.**, Monev, V, Kanev, I, Champagne, B, Mosley, D, Andre, JM. Ab initio Sum Over States/CI Singles Static and Dynamic (Hyper)polarizabilities of Small Molecules. , A.Hernandez-Laguna et al.(eds), Quantum Systems in Chemistry and Physics, Vol.1: Basic Problem and Model Systems, 1, KLUWER ACADEMIC PUBL, 2000, ISBN:eBook ISBN: 0-306-46, 101-125

Цумура се в:

345. W. Fan, A. Chakraborty, J. Phys. Chem. C, 120 (2016) 23490–23499. DOI: 10.1021/acs.jpcc.6b06119, @2016
346. H. E. Wagie, J. C. Woehl, P. Geissinger, Theor.Chem.Acc., 135 (2016) 114. DOI:10.1007/s00214-016-1865-1, @2016
127. **Bankova, V.**, de Castro, S., Marcucci, M.C.. Propolis: recent advances in chemistry and plant origin. Apidologie, 31, 2000, 3-15. ISI IF:1.384

Цумура се в:

347. Siemionow, K., M. Tomczyk, U. Czyżewska, W. Mityk. Planta Med; 81(S 01): S1-S381 DOI: 10.1055/s-0036-159704, @2016
348. Venegas, A. , Hantar Touma, J. , Bravo, J., Perez-Perez, G. Advances in Microbiology 6, 1091-1129 doi: 10.4236/aim.2016.614101, @2016
349. Dhandapani, R., Buvanaratchagan A. European Journal of Molecular Biology and Biochemistry 3(5), 152-155, @2016
350. Al-Ghamdi, A.A., Bayaqoob, N.I.M., Rushdi, A.I., Alattal, Y., Simoneit, B.R.T., El-Mubarak, A.H., Al-Mutlaq, K.F. Saudi Journal of Biological Sciences (2016)*, doi: http://dx.doi.org/10.1016/j.sjbs.2016.12.012, @2016
351. Czyżewska, U., Mityk, W. Post Fitoter 17(2), 119-124, @2016
352. Cavalcanti Liberato, M.C.T., de Moraes, S.M. “PRODUTOS APHCOLAS DO CEARA E SUAS ORIGENS FLORAIS”, Editora da Universidade Estadual do Ceara, Fortaleza, 2016*, ISBN: 978-85-7826-336-2, @2016
353. Falcão, S.I., A, Tomás, C. Freire, M. Vilas-Boas. Eur Food Res Technol 42, 1393 –1401. DOI 10.1007/s00217-016-2642-z, @2016
354. Roberto, M.M., S.T. Matsumoto, C.M. Jamal, O. Malaspina, M.A. Marin-Morales, Toxicology in Vitro, 33, 9-15. DOI: 10.1016/j.tiv.2016.02.005., @2016
355. Wang, X., K. Sankarapandian, Y. Cheng, S.O. Woo, H.W. Kwon, H. Perumalsamy, Y.-J. Ahn. BMC Complementary and Alternative Medicine 16: 65, @2016
356. Thomas, A.B., R. de C.M. Resende Nassur, A.C. Vilas Boas, L.C. de Oliveira Lima. Ciência e Agrotecnologia 40(1), 87-96, @2016
357. Shehu, A., S. Ismail, M.A. Khalili Rohin, A. Harun, A. Abd Aziz, M. Haque. Journal of Applied

358. Mouhoubi-Tafinine, Z., S. Ouchemoukh, A. Tamendjari. *Industrial Crops and Products*, 88, 85 – 90), doi:10.1016/j.indcrop.2016.02.033, @2016
359. Saavedra, N., A. Cuevas, M.F. Cavalcante, F.A. Dörr, K. Saavedra, T. Zambrano, D.S.P. Abdalla, L.A. Salazar. *BIOmed Research International* Volume 2016 Article ID 6505383, 8 pages, @2016
360. Roberto Castro-Falcóna, R., M.G. Pulido-Ávilab, A. Muñoz-Uríasc, A.E. Islas-Rodríguez. *Rev. Latinoamer. Quím.* 44(1), 7-16, @2016
361. Galeotti, F., L. Crimaldi, F. Maccari, V. Zaccaria, A. Fachini, N. Volpi. *Natural Product Research*, 2016* <http://dx.doi.org/10.1080/14786419.2016.1269093>, @2016
362. Li, H., Wu, F., Tan, J., Wang, K., Zhang, C., Zheng, H., Hu, F. *Journal of Pharmaceutical and Biomedical Analysis* 122, 21-28, @2016
363. Oellig, C. *Journal of Chromatography A*, 1445, 19-26, (2016)*, doi:10.1016/j.chroma.2016.03.082, @2016
364. Salman, H.D. *International Journal of Science and Research* 5(4), 1514 – 1521, @2016
365. Hosseini, S.M., M.V. Azghandi, S. Ahani, R. Nourmohammadi. *Journal of Animal and Feed Sciences*, 25, 45–51, @2016
366. Ibrahim, N., Niza, N.F.S.M., Rodi, M.M.M., Zakaria, A.J., Ismail, Z., Mohd, K.S. *Malaysian Journal of Analytical Sciences* 20(2), 413-422, @2016
367. Cruz, M., P. Antunes, L. Paulo, A.M. Ferreira, A. Cunha, C. Almeida-Aguiar, R. Oliveira. *RSC Adv.*, 6, 49806-49816 (2016)*, DOI: 10.1039/C6RA04856K, @2016
368. КАЙГОРОДОВ Р.В., КАРТАШОВА И.Н. *Вестник ПГУ. Биология*. 2016. (2), 102 – 108, @2016
369. Gomes M.F.F., Ítavo C.C.B.F., Leal C.R.B., Ítavo L.C.V., Lunas R.C. *Pesquisa Veterinária Brasileira* 36(4), 279-282, @2016
370. Da Silveira, C., L. Fernandes, M. Silva, D. Luz, M.C. Monteiro, C. Machado, Y. Torres, T. de Lira, A.G. Ferreira, E.A. Fontes-Júnior, C.S.F. Maia, A.R. Gomes. *Oxidative medicine and Cellular Longevity* Volume 2016 , Article ID 2906953, 14 pages (2016)*, @2016
371. Mantuanelli, R.M., C. Masrouah Jamal, O. Malaspina, M.A. Marin-Morales. *Genetics and Molecular Biology*, 39(2), 257-269, @2016
372. Khacha-ananda, S., K. Tragoolpua, P. Chantawannakul, P. Tragoolpua. *Invest New Drugs* 34(6) , 707 – 722, @2016
373. Sabir A. *Journal of Apiculture* 31(1), 135~142, @2016
374. Melo, L. Santos de Mendonça. Tese (doutorado em Biotecnologia) – Rede Nordeste de Biotecnologia – RENORBIO, Universidade Federal de Sergipe, São Cristóvão (SE) 2016, @2016
375. Czyżewska, U., K. Siemionow, I. Zaręba, W. Mityk. *PLoS ONE* 11(6): e0157091. doi:10.1371/journal.pone.0157091, @2016
376. Dimkić, I., P. Ristivojević, T. Janakiev, T. Berić, J. Trifković, D. Milojković-Opsenica, S. Stanković, *Industrial Crops and Products* 94(30), 856-871, @2016
377. Correa González, Y.X., D. Paillié Jiménez, A.L. ValenzuelaCorrea, M.A. Rojas Cardozo, C.E. Mora Huertas. *Rev. Colomb. Cienc. Quím. Farm.* 45(1), 147-168, @2016

378. Somensi Zeggio, A.R. PhD Thesis, Universidade Federal de Santa Catarina, Florianópolis, 2016, @2016
379. Alves de Souza, S. PhD Thesis, Universidad Federal Rural de Prnambuco, Recife, 2016, @2016
380. Boufadi, Y.M., J. Soubhye, J. Neve, P. Van Antwerpen, A.Riazi. International Journal of Food Science and Technology 15(12), 2613 - 2620 (2016)*, doi:10.1111/ijfs.13247, @2016
381. Salasa, A., Mercadoc MI, Zampini IC, Ponessa GI, Isla MI. Nat Prod Commun. 11(5), 627-630, @2016
382. Shashikala, A. International Journal of Pharma and Bio Sciences 7(4), B795-B798, @2016
383. Diab, A.E.-A.A., Hamza R.Z. Journal of Advances in Medical and Pharmaceutical Sciences JAMPS, 7(4): 1-10, Article no.JAMPS.24196, @2016
384. Segueni, N., A. Zellagui, F. Moussaoui, M. Lahouel, S. Rhouati, Arabian Journal of Chemistry 9(Supplement 1), S425-S428, @2016
385. Eyng, C., A.E. Murakami, A.A. Pedroso, C.R.A. Duarte, K. P. Picoli. Journal of Animal Physiology and Animal Nutrition, DOI: 10.1111/jpn.12570, @2016
386. Sameni, H.R., P. Ramhormozi, A.R. Bandegi, A.A. Taherian, M. Mirmohammadkhani, M. Safari. J Diabetes Investig 7(4), 506 – 513 doi: 10.1111/jdi.12459, @2016
387. Ararso, Z., Legesse, G. Agric. Biol. J. N. Am. 7(6), 302-306, @2016
388. Çelemlı, Ö.G., İ.K. Temizer, G. Zare, K. Sorkun. Hacettepe J. Biol. & Chem. 44(1), 7–14, @2016
389. Sarıçoban, C., Yerlikaya, S. Journal of Agroalimentary Processes and Technologies 22(2), 56-63, @2016
390. D'Souza, E.; Mantri, J.; Surti, A. Indian Journal of Natural Products and Resources 7(2), 135 - 140, @2016
391. Al Naggar, Y., J. Sun, A. Robertson, J.P. Giesy, S. Wiseman. Journal of Apicultural Research, 55(4), 305-314, @2016
392. Sánchez, C., P. Duarte, P. Vasilenko, M. Santos, M. Loebler, A.S. Cruz, M. Gonçalves. Acta Hortic. 1144. ISHS 2016. (2016)* DOI 10.17660/ActaHortic.2016.1144.53, @2016
393. Nishimura, E., S. Murakami, K. Suzuki, K. Amano, R. Tanaka, T. Shinada. Asian J. Org. Chem. 5(7), 855 – 859, @2016
394. Bazmandegan, M.T. Boroushaki, A. Shamsizadeh, F. Ayoobi, E. Hakimizadeh, M. Allahtavakoli, Biomedicine & Pharmacotherapy, Available online 23 November 2016*, Ihttp://dx.doi.org/10.1016/j.biopha.2016.11.057, @2016
395. Taddeo, V.A., F. Epifano, S. Fiorito, S. Genovese. Journal of Pharmaceutical and Biomedical Analysis 129, 219-223, @2016
396. Duke C.C., V.H. Tran, R.K. Duke, A. Abu-Mellal, G.T. Plunkett, D.I. King, K. Hamid, K.L. Wilson, R.L. Barrett, J.J. Bruhl, Phytochemistry, Available online 24 November 2016*, http://dx.doi.org/10.1016/j.phytochem.2016.11.005, @2016
397. Elbaz, N.M., I.A..Khalil, A. Abd Rabou, I.M..El-Sherbiny. International Journal of Biological Macromolecules 92, 254–269, @2016
398. Ribeiro Corrêa, W., B. Giménez-Cassina López, S.C. do Prado, I. Barbosa da Silva Cunha, A.C.H. Frankland Sawaya, M.J. Salvador. Journal of Apicultural Research, 55(1), 1 – 7 DOI:10.1080/00218839.2016.1196014, @2016

399. Kim, H.B., Yoo, B.S. Toxicol. Res. 32(3), 239-243, @2016
400. Šahinler, N., B. Yücel. Works of the Faculty of Agriculture and Food Sciences, University of Sarajevo 66(1), 82 – 85, @2016
401. Sforcin, J.M. Phytother. Res. 30, 894–905, @2016
402. Pereira, C.S.W. Daróz Matte, P.H. Bianchini Venâncio. R. Ciênc. Agroamb. 14(1), 143-156, @2016
403. Devi, A., N.R Kumar, J. Kaur. International Journal of Basic and Applied Biology 3(1), 33-35, @2016
404. Isidorov, V.A., S. Bakier, E. Pirožnikow, M. Zambrzycka, I. Swiecicka. J Chem Ecol 42, 475–485, @2016
405. Šuran, J., K. Matanović, D. Brozić, T. Mašek, N. Maćešić, L. Radin, J. Aladrović, F. Božić, B. Šeol Martinec, M. Lipar, O. Smolec, M. Benić, B. Radić, G. Bačić. Veterinarska Stanica 47(4), 381 – 385, @2016
406. Trudić, B., B. Anđelković, S. Orlović, V. Tešević, A. Pilipović, M. Cvetković, J. Stanković. South-east Eur Jfor 7(2): early view. (2016)* DOI:http://dx.doi.org/10.15177/seefor.16-12, @2016

128. Antonov, L., Nedeltcheva, D.. Resolution of overlapping UV-Vis absorption bands and quantitative analysis. Chemical Society Reviews, 29, 3, 2000, DOI:10.1039/A900007K, 217-227. ISI IF:33.383

Цитира се в:

407. Francos, J., García-Garrido, S.E., Borge, J., Suárez, F.J., Cadierno, V., Butadiene dyes based on 3-(dicyanomethylidene)indan-1-one and 1, 3-bis(dicyanomethylidene)indane: Synthesis, characterization and solvatochromic behaviour, RSC Advances, 2016, Pages 6858-6867, @2016

129. Stefanova, M.. Head-to-head isoprenoids in Miocene coal lithotypes. Fuel, 79, 7, Elsevier, 2000, ISSN:0016-2361, DOI:10.1016/S0016-2361(99)00208-2, 755-758. SJR:1.568, ISI IF:4.091

Цитира се в:

408. Wang, W., Liu, W., Wang, G., Wang C. (2016) “Biodegradation of depositional organic matter and identification of biogenic gas source rocks” Acta Petrolei Sinica, v. 37(3), 318-327, @2016
409. Zubkova, V., & Witkiewicz, Z. (2016). Chromatographic analysis of chemical compositions of coals and changes in them during technological processing. Critical Reviews in Environmental Science and Technology, 46(7), 701-755., @2016

2001

130. Popova, M., Bankova, V., Tsvetkova, I., Naydenski, C., Silva, M.V.. The First Glycosides Isolated from Propolis: Diterpene Rhamnosides. Zeitschrift für Naturforschung, 56c, 2001, 1108-1111. ISI IF:0.78

Цитира се в:

410. Alday, E., M. Navarro-Navarro, A. Garibay-Escobar, R. Robles-Zepeda, J. Hernandez, C. Velazquez. In : Chambo, E.D. (Editor) "Beekeeping and Bee Conservation - Advances in Research", ISBN 978-953-51-2412-2, Print ISBN 978-953-51-2411-5, INTECH,

131. Schütz, J., **Dolashka-Angelova, P.**, Abrashev, R., Nicolov, P., Voelter, W.. Isolation and spectroscopic characterization of the structural subunits of keyhole limpet hemocyanin.. *Biochimica et Biophysica Acta - Protein Structure and Molecular Enzymology*, 1546, 2, 2001, ISSN:01674838, 325-336

Цумупа се е:

411. Spectroscopic Investigation on the Interaction of Pb(II) with Keyhole Limpet Hemocyanin., @2016
132. Sforcin, J. M., Fernandes Junior, A., Lopes, C.A.M., Funari, S.R.C., **Bankova, V.**.. Seasonal effect of Brazilian propolis on *Candida albicans* and *Candida tropicalis*. *J. Venom. Anim. Toxins*, 2001, 139-144

Цумупа се е:

412. Jenkins, R.E., H.L. Brown, A.E. Roberts, R. Cooper. *Mediical Research Archives* 4(8), DOI: <http://dx.doi.org/10.18103/mra.v4i8.887>, @2016
413. Alday, E., M. Navarro-Navarro, A. Garibay-Escobar, R. Robles-Zepeda, J. Hernandez, C. Velazquez. In : Chambo, E.D. (Editor) "Beekeeping and Bee Conservation - Advances in Research", ISBN 978-953-51-2412-2, Print ISBN 978-953-51-2411-5, INTECH, 2016, @2016
414. Kim, H.B., Yoo, B.S. *Toxicol. Res.* 32(3), 239-243, @2016
415. Tobaldini-Valerio, F.K., P.S. Bonfim-Mendonça, H.C. Rosseto, M.L. Bruschi, M. Henriques, M. Negri, S. Silva, T.I.E. Svidzinski. *Future Microbiol.* 11(8), 1035 - 1046 doi: 10.2217/fmb-2015-0016, @2016
416. Melo, L. Santos de Mendonça. Tese (doutorado em Biotecnologia) – Rede Nordeste de Biotecnologia – RENORBIO, Universidade Federal de Sergipe, São Cristóvão (SE) 2016, @2016
417. Kim, H.B., Yoo, B.S. *Toxicol. Res.* 32(4), 345-351, @2016
133. Marcucci, M.C., Ferreres, F., Garcia-Viguera, C., **Bankova, V.**, de Castro, S.L., Dantas, A.P., Valente, P.H.M., Paulino, N.. Phenolic compounds from Brazilian propolis with pharmacological activities.. *Journal of Ethnopharmacology*, 74, 2, 2001, 105-112. ISI IF:0.78

Цумупа се е:

418. Pereira, D.S.; Abrantes, M.S.; Costa Coelho, W.A.; Freitas, .O.; Alves Freitas, C.I.; Alves da Silva, J.B. *Revista Verde de Agroecologia e Desenvolvimento Sustentável* 11(3), 151-158, @2016
419. Nakajima, M., K. Arimatsu, T. Minagawa, Y. Matsuda, K. Sato, N. Takahashi, T. Nakajima, K. Yamazaki. *BMC Complementary and Alternative Medicine* 16:329, DOI 10.1186/s12906-016-1305-8, @2016
420. Dimkić, I., P. Ristivojević, T. Janakiev, T. Berić, J. Trifković, D. Milojković-Opsenica, S. Stanković, *Industrial Crops and Products* 94(30), 856-871, @2016
421. Bharathi, S., Anitha, R. *International Journal of Pharmaceutical Sciences Review and Research* 40(1), art. no. 33, 170-172, @2016
422. Catarino, M.D., J.M. Alves-Silva, S.I. Falcão, M. Vilas-Boas, M. Jordão, S.M. Cardoso. In: *Chemistry, Biology and Potential Applications of Honeybee PlantDerived ProductsBeneficial Effects of Propolis on Human Health*, Eds: Susana M. Cardoso and Artus M.S. Silva, ISBN (eBook): 978-1-68108-237-0; ISBN (Print): 978-1-68108-238-7; Bentham Science Publishers, Sharjah , 2016, pp. 89 - 149, @2016

423. Santos, C.M.M., A.M.S. Silva. In: Chemistry, Biology and Potential Applications of Honeybee PlantDerived ProductsBeneficial Effects of Propolis on Human Health, Eds: Susana M. Cardoso and Artus M.S. Silva, ISBN (eBook): 978-1-68108-237-0; ISBN (Print): 978-1-68108-238-7; Bentham Science Publishers, Sharjah 2016, pp. 150- 195., @2016
424. Tiveron, A.P., Rosalen P..L, Franchin M., Lacerda R.C., Bueno-Silva B., Benso B., Denny C., Ikegaki M., Alencar S.M. PLoS One 11(11):e0165588. doi: 10.1371/journal.pone.0165588, @2016
425. Ghaibie, N., J.H. Hamissi, Y. Rahmani. Acta Medica Mediterranea 32, 1477 – 1481, @2016
426. Sánchez, C., P. Duarte, P. Vasilenko, M. Santos, M. Loebler, A.S. Cruz, M. Gonçalves. Acta Hort. 1144. ISHS 2016. (2016)* DOI 10.17660/ActaHortic.2016.1144.53, @2016
427. Haghdoost, N.S., T.Z. Salehi, A. Khosravi, A. Sharifzadeh. Journal de Mycologie Médicale / Journal of Medical Mycology, 26(4), 298 - 305, @2016
428. Santos, N.W., E.H. Yoshimura, E. Machado, P.T. Matumoto-Pintro, P.F. Montanher, J.V. Visentainer, G.T. dos Santos, L.M. Zeoula. , Livestock Science 191, 132 – 138, @2016
429. Erturk, O., E. Cil, N. Yoloğlu, C. Yavuz. Mellifera 16(1), 4–18, @2016
430. Cavalcanti Liberato, M.C.T., de Moraes, S.M. “PRODUTOS APHCOLAS DO CEARA E SUAS ORIGENS FLORAIS”, Editora da Universidade Estadual do Ceara, Fortaleza, 2016*, ISBN: 978-85-7826-336-2, @2016
431. Machado, B.A., Silva R.P., Barreto G.A., Costa S.S., Silva D.F., Brandão H.N., Rocha J.L., Dellagostin O.A., Henriques J.A., Umsza-Guez M.A., Padilha F.F. PLoS One 11(1):e0145954. doi: 10.1371/journal.pone.0145954, @2016
432. Yalcin, C.O., Aliyazicioglu Y., Demir S., Turan I., Bahat Z., Misir S., Deger O. J Cancer Res Ther 12(2):990-4. doi: 10.4103/0973-1482.154050., @2016
433. Dinkov, D., D. Stratev, R. Balkanska, D. Sergilidis. Journal of Food and Health Science, 2(2), 67-73, @2016
434. Doganli, G.A. Rec. Nat. Prod. 10(5), 617-627, @2016
435. Arunachalam, K., S. Donizeti Ascêncio, I. Mendes Soares, R.W. Souza Aguiar, L.I. da Silva, R. Godinho de Oliveira, S.O. Balogun, D.T. de Oliveira Martins, Journal of Ethnopharmacology 184, 128–137, @2016
436. Dinkov, D., D. Stratev, R. Balkanska, D. Sergelidis, I. Vashin. J Bacteriol Virol. 46(1), 36-43, @2016
437. Martins Ribeiro, M.H., P.M. Correia de Albuquerque, C. Fernandes Pinto da Luz. Braz. J. Bot 39(3), 895–912 DOI 10.1007/s40415-016-0280-0, @2016
438. Gil, M., V. Colarusso, J. Ferreira, A. Muñoz, T. Rojas, G. Ochoa, E. Perozo, G. Rojas. Revista de la Facultad de Ciencias de la Salud. Universidad de Carabobo 20(1), 27-33, @2016
439. Silva, R. P. D.; Machado, B. A. S.; Costa, S. S.; Barreto, G. A.; Padilha, F. F.; Umsza-Guez, M. A. Rev. Virtual Quim., , 8(5), 1251-1261, @2016
440. Hocayen, P.D.A.S., Grassioli, S., Leite, N.C., Pochapski, M.T., Pereira, R.A., da Silva, L.A., Snack, A.L., Michel, R.G., Kagimura, F.Y., da Cunha, M.A.A., Malfatti, C.R.M. Pharmaceutical Biology 54(7), 1263-1271, @2016
441. Zagmutt, S., Leiva, E., Mujica, V, Wehinger, S. Journal of Food and Nutrition Research, 4(6), 400-407, @2016

vapour and biomass nature on the yield and quality of the pyrolysis products from biomass. Fuel Processing Technology, 70, 1, Elsevier, 2001, ISSN:0378-3820, DOI:10.1016/S0378-3820(00)00153-3, 53-61. SJR:1.571, ISI IF:4.031

Цумура се в:

442. Gargiulo, V., Alfe, M., Giudicianni, P., Ragucci, R., A study on the structural features of the water-insoluble fraction (WIF) isolated from biomass slow steam pyrolysis liquids, Journal of Analytical and Applied Pyrolysis, 121, pp. 128-137. DOI: 10.1016/j.jaap.2016.07.013., @2016
 443. Zeng, X., Shao, R., Wang, F., Dong, P., Yu, J., Xu, G., Industrial demonstration plant for the gasification of herb residue by fluidized bed two-stage process, Bioresource Technology, 206, pp. 93-98. DOI: 10.1016/j.biortech.2016.01.075., @2016
 444. Ueki, Y., Yoshiie, R., Naruse, I., Gasification characteristics of woody biomass with mixture gas of CO₂ with H₂O, Journal of Chemical Engineering of Japan, 49 (3), pp. 287-293. DOI:10.1252/jcej.14we338., @2016
 445. Tao, J., Chen, S., Yao, F., Wang, H., A study of plant char oxidation: the parallel reactions and their chemical kinetics, Acta Chimica Sinica, 74 (1), pp. 81-88., DOI: 10.6023/A15080548., @2016
 446. Wang, F., Zeng, X., Wang, Y., Yu, J., Xu, G., Characterization of coal char gasification with steam in a micro-fluidized bed reaction analyzer, Fuel Processing Technology, 141, pp. 2-8. DOI: 10.1016/j.fuproc.2015.04.025., @2016
 447. Li, A., Wu, D., Wang, Q., Liu, W., Bao, B., Pyrolysis of long flame coal under steam atmosphere in a fluidised-bed reactor, International Journal of Oil, Gas and Coal Technology, 12 (1), pp. 51-62. DOI: 10.1504/IJOGCT.2016.075845., @2016
 448. Wan, W., Yu, L.-J., Karton, A., Mechanistic insights into water-catalyzed formation of levoglucosenone from anhydrosugar intermediates by means of high-level theoretical procedures, Australian Journal of Chemistry, 69 (9), pp. 943-949. DOI: 10.1071/CH16206., @2016
 449. Alzaydien, A.S., Physical, chemical and adsorptive characteristics of local oak sawdust based activated carbons, Asian Journal of Scientific Research, 9 (2), pp. 45-56. DOI:10.3923/ajsr.2016.45.56., @2016
135. De Rosa, S., Kamenarska, Z., **Bankova, V.**, Stefanov, K., Dimitrova-Konaklieva, S., Najdenski, H., Tsvetkova, I., Popov, S.. Chemical composition and biological activities of the Black Sea algae Polysiphonia denudata I (Dillw.) and Polysiphonia denudata f. fragilis (Sprek) Woronich. Zeitschrift fuer Naturforschung C, 56c, 2001, 1008-1014. ISI IF:0.783

Цумура се в:

450. Rickert, E., Wahl M., Link H., Richter H., Pohnert G. PLoS ONE 11(12): e0168196 doi:10.1371/journal.pone.0168196, @2016
 451. Rontani, J.-F., Galeron, M.-A. Organic Geochemistry, 97, 35 - 40, @2016
 452. Rontani, J.-F., Galeron, M.-A. Organic Geochemistry 97, 35 – 40, @2016
136. **Dimitrov, V.**, Linden, A., Hesse, M.. Chiral ferrocenes derived from (+)-longifolene – determination of the configuration by NMR spectroscopy and X-ray crystallography. Tetrahedron Asymmetry, 12, 9, Elsevier Ltd., 2001, ISSN:09574166, DOI:10.1016/S0957-4166(01)00221-X, 1331-1335. ISI IF:2.265

Цумура се в:

453. Feizbakhsh, A., Pazoki, H., Ebrahimzadeh, M.A., Effect of gibberellic acid on composition of s. Ebulus leaf essential oil (caprifoliaceous), Pharmacologyonline, 2016, 2016, 137-142., @2016

137. **Dimitrov, V., Dobrikov, G.,** Genov, M.. Chiral β - and γ -aminoalcohols derived from (+)-camphor and (-)-fenchone as catalysts for the enantioselective addition of diethylzinc to benzaldehyde. Tetrahedron Asymmetry, 12, 9, Elsevier, 2001, ISSN:09574166, DOI:10.1016/S0957-4166(01)00221-X, 1323-1329. SJR:0.669, ISI IF:1.954

Цумура се в:

454. Temudo Neves, C.T., Síntese de ligandos tiazolidínicos para catálise enantiosseletiva, 2016, PhD Thesis, Universidade de Coimbra, Portugal, @2016

138. **Velikova, M., Bankova, V.,** Sorkun, K., Popov, S.. Chemical composition and biological activity of propolis from Turkish and Bulgarian origin. Mellifera, 1, 2001, 57-59

Цумура се в:

455. Uçar, M., O. Değer, Y. Barlak. Tropical Journal of Pharmaceutical Research, 15(10, : 2093-2097 (2016)., @2016

139. **Popova, M., Bankova, V., Spassov, S.,** Tsvetkova, I., Naydenski, C., Silva, M. V., Tsartsarova, M.. New Bioactive Chalcones in Propolis from El Salvador. Z. Naturforsch., 56c, 2001, 593-596. ISI IF:0.78

Цумура се в:

456. Sforcin, J.M. Biological Properties and Therapeutic Applications of Propolis. Phytotherapy Research 30 (6), 894-905, 2016., @2016

457. Sumathi, A., D. Rajaraman, S. Bharanidharan, S. Kabilan, K. Krishnasamy. Journal of Applicable Chemistry, 5(2), 346-368 (2016)., @2016

458. Alday, E., M. Navarro-Navarro, A. Garibay-Escobar, R. Robles-Zepeda, J. Hernandez, C. Velazquez. In : Chambo, E.D. (Editor) "Beekeeping and Bee Conservation - Advances in Research", ISBN 978-953-51-2412-2, Print ISBN 978-953-51-2411-5, INTECH, 2016., @2016

140. Savova, D., Apak, E., Ekinici, E., Ferhat Yardim, E., **Petrov, N., Budinova, T.,** Razvigorova, M., Minkova, V.. Biomass conversion to carbon adsorbents and gas. Biomass and Bioenergy, 21, 2, Elsevier, 2001, ISSN:0961-9534, DOI:10.1016/S0961-9534(01)00027-7, 133-142. SJR:1.769, ISI IF:4.273

Цумура се в:

459. Li, C., Kumar, S., Preparation of activated carbon from un-hydrolyzed biomass residue, Biomass Conversion and Biorefinery, Vol. 6, No 4, pp. 407-419. DOI: 10.1007/s13399-016-0197-7., @2016

460. Zhu, M., Liu, R., Chai, H., Yao, J., Chen, Y., Yi, Z., Hazelnut shell activated carbon: a potential adsorbent material for the decontamination of uranium(VI) from aqueous solutions, Journal of Radioanalytical and Nuclear Chemistry, Vol. 310, No 3, pp. 1147-1154. DOI: 10.1007/s10967-016-5011-2., @2016

461. Jiao, Y., Wan, C., Li, J., Synthesis of carbon fiber aerogel from natural bamboo fiber and its application as a green high-efficiency and recyclable adsorbent, Materials and Design, Vol. 107, pp. 26-32. DOI: 10.1016/j.matdes.2016.06.015., @2016

462. Erdem, M., Orhan, R., Şahin, M., Aydın, E., Preparation and Characterization of a Novel Activated Carbon from Vine Shoots by ZnCl₂ Activation and Investigation of Its Rifampicine Removal Capability, Water, Air, and Soil Pollution, Vol. 227, No 7, art. no. 226. DOI:

463. Simate, G.S., Maledi, N., Ochieng, A., Ndlovu, S., Zhang, J., Walubita, L.F., Coal-based adsorbents for water and wastewater treatment, *Journal of Environmental Chemical Engineering*, Vol. 4, No 2, pp. 2291-2312. DOI: 10.1016/j.jece.2016.03.051., @2016
 464. Oguz Erdogan, F., Characterization of the Activated Carbon Surface of Cherry Stones Prepared by Sodium and Potassium Hydroxide, *Analytical Letters*, Vol. 49, No 7, pp. 1079-1090. DOI: 10.1080/00032719.2015.1065879., @2016
 465. Rabinovich, M.L., Fedoryak, O., Dobelev, G., Andersone, A., Gawdzik, B., Lindström, M.E., Sevastyanova, O., Carbon adsorbents from industrial hydrolysis lignin: The USSR/Eastern European experience and its importance for modern biorefineries, *Renewable and Sustainable Energy Reviews*, Vol. 57, pp. 1008-1024. DOI:10.1016/j.rser.2015.12.206., @2016
 466. Tripathi, M., Sahu, J.N., Ganesan, P., Effect of process parameters on production of biochar from biomass waste through pyrolysis: A review, *Renewable and Sustainable Energy Reviews*, Vol. 55, pp. 467-481. DOI: 10.1016/j.rser.2015.10.122., @2016
 467. Xu, X., Gao, B., Jin, B., Yue, Q., Removal of anionic pollutants from liquids by biomass materials: A review, *Journal of Molecular Liquids*, Vol. 215, pp. 565-595. DOI:10.1016/j.molliq.2015.12.101Review., @2016
 468. Zhang, X., Bai, B., Li Puma, G., Wang, H., Suo, Y., Novel sea buckthorn biocarbon SBC@ β -FeOOH composites: Efficient removal of doxycycline in aqueous solution in a fixed-bed through synergistic adsorption and heterogeneous Fenton-like reaction, *Chemical Engineering Journal*, 284, pp. 698-707. DOI: 10.1016/j.cej.2015.09.012., @2016
 469. Shoaib, M., Al-Swaidan, H.M., Optimization of activation temperature on the preparation of sliced porous activated carbon from date fronds by physical activation [Optimizacija temperature aktivacije za pripremu poroznog ugljenika dobijenog iz listova urme fizičkom aktivacijom], *Hemijska Industrija*, 70 (2), pp. 151-157. DOI:10.2298/HEMIND140916022S., @2016
 470. Norozi, F., Haghdost, G., Application of Corn cob as a natural adsorbent for the removal of Mn (VII) ions from aqueous solutions, *Oriental Journal of Chemistry*, 32 (4), pp. 2263-2268. DOI: 10.13005/ojc/320460., @2016
 471. Al Bahri, M., Calvo, L., Gilarranz, M.A., Rodriguez, J.J., Diuron Multilayer Adsorption on Activated Carbon from CO₂ Activation of Grape Seeds, *Chemical Engineering Communications*, 203 (1), pp. 103-113. DOI:10.1080/00986445.2014.934447., @2016
141. Angelova, M., **Dolashka-Angelova, P.**, Ivanova, E., Serkedjieva, J., Slokoska L., Pashova, S., Toshkova, R., Vassilev, S., Simeonov, I., Hartmann, H.-J., Stoeva, S., Weser, U., Voelter, W.. A novel glycosylated Cu/Zn-containing superoxide dismutase: Production and potential therapeutic effect. *Microbiology*, 147, 6, 2001, ISSN:13500872, 1641-1650. SJR:1.228, ISI IF:2.456
- Цумупа се в:*
472. Improving the thermostability and stress tolerance of an archaeon hyperthermophilic superoxide dismutase by fusion with a unique N-terminal domain, @2016
 473. Copper-zinc-superoxide dismutase (CuZnSOD), an antioxidant gene from seahorse (*Hippocampus abdominalis*); molecular cloning, sequence characterization, antioxidant activity and potential peroxidation function of its recombinant protein., @2016
142. Joshi, H., Kamounah, F.S., van der Zwan, G., Gooijer, C., **Antonov, L.** Temperature dependent absorption spectroscopy of some tautomeric azodyes and Schiff bases. *JCS Perkin Transactions 2*, 12, 2001, DOI:10.1039/B106241G, 2303-2308. ISI IF:1.95

Цитира се в:

474. Patel, R.N., Singh, Y., Singh, Y.P., Butcher, R.J., Synthesis, crystal structure and DFT calculations of octahedral nickel(II) complexes derived from N'-[(E)-phenyl(pyridin-2-yl)methylidene]benzohydrazide, Journal of Coordination Chemistry, 2016, Volume 69, Pages 2377-2390, @2016

2002

143. **Nikolova-Damyanova, B., Momchilova, Sv.** Silver ion HPLC for the analysis of positionally isomeric fatty acids. Journal of Liquid Chromatography and Related Technologies, 25, 13-15, Taylor & Francis Group, 2002, ISSN:1082-6076, DOI:10.1081/JLC-120013990, 1947-1965. SJR:0.472, ISI IF:0.762

Цитира се в:

475. Song, G., Kang, M., Yang, J., Determination of 1, 3-dioleoyl-2-palmitoyl triglyceride in infant formula milk powder by normal-phase liquid chromatography, Chinese Journal of Chromatography (Se Pu), 2016, Volume 34 (3), Pages 351-355, @2016
144. Ekinci, E., **Budinova, T.**, Ferhat Yardim, M., **Petrov, N.**, Razvigorova, M., Minkova, V.. Removal of mercury ion from aqueous solution by activated carbons obtained from biomass and coals. Fuel Processing Technology, 77-78, Elsevier, 2002, ISSN:0378-3820, DOI:doi:10.1016/S0378-3820(02)00065-6, 437-443. SJR:1.571, ISI IF:4.031

Цитира се в:

476. Amin, F., Talpur, F.N., Balouch, A., Chandio, Z.A., Surhio, M.A., Afridi, H.I., Biosorption of mercury(II) from aqueous solution by fungal biomass *Pleurotus eryngii*: Isotherm, kinetic, and thermodynamic studies, Environmental Progress and Sustainable Energy, 35 (5), pp. 1274-1282. DOI: 10.1002/ep.12342., @2016
477. Hosseinzadeh, H., Ramin, S., Fast and enhanced removal of mercury from aqueous solutions by magnetic starch-g-poly(acryl amide)/graphene oxide nanocomposite superabsorbents, Polymer Science - Series B, 58 (4), pp. 457-473. DOI: 10.1134/S1560090416040035., @2016
145. **Stefanova, M., Marinov, S.P.**, Mastral, A., Callen, M., Garcia, T.. Emission of oxygen, sulphur and nitrogen containing heterocyclic polyaromatic compounds from lignite combustion. Fuel Processing Technology, 77-78, Elsevier, 2002, ISSN:0378-3820, DOI:10.1016/S0378-3820(02)00061-9, 89-94. SJR:1.571, ISI IF:4.031

Цитира се в:

478. Valentina Zubkovaa* & Zygfryd Witkiewicz, Chromatographic analysis of chemical compositions of coals and changes in them during technological processing, Critical Reviews in Environmental Science and Technology, Accepted author version posted online: 18 Feb 2016., @2016
146. Murad, J.M., Calvi, S.A., Soares, A. M. V., **Bankova, V.**, Sforcin, J. M.. Effect of propolis from Brazil and Bulgaria on fungicidal activity of macrophages against *Paracoccidioides brasiliensis*.. Journal of Ethnopharmacology, 3, 79, 2002, 331-334. ISI IF:1.188

Цитира се в:

479. Gheybi N, Bakhshi Biniyaz R, Taherkhani R, Jahani Hashemi H, Chegini R, Saremi M, Azhdari Zarmehri H, Najafipour R, Sofiabadi M. Quarterly of the Horizon of Medical Sciences 22(2), 145-150, @2016

480. Alday, E., M. Navarro-Navarro, A. Garibay-Escobar, R. Robles-Zepeda, J. Hernandez, C. Velazquez. In : Chambo, E.D. (Editor) "Beekeeping and Bee Conservation - Advances in Research", ISBN 978-953-51-2412-2, Print ISBN 978-953-51-2411-5, INTECH, 2016, @2016
 481. Naseh M., N. Gheibi, H. Jahanihashemi, E. Azizlou, Z. Alizadeh Tabari. J Mash Dent Sch 40(2), 167-76, @2016
 482. Shaddel-Tili, A., B. Eshratkhan, H. Kouzehgari & M. Ghasemi-Sadabadi, . Bulg. J. Vet. Med. (online first) DOI: 10.15547/bjvm.986, @2016
 483. Bezerra, G.B., L. de Menezes de Souza, A.S. dos Santos, G.K. Melo de Almeida, M.T. Santana Souza, S. Lauton Santos, E.A. Camargo, B. dos Santos Lima, A.A. de Souza Araújo, J.C. Cardoso, S.V.F. Gomes, M.Z. Gomes, R.L. Cavalcanti de Albuquerque Júnior. Biomedicine & Pharmacotherapy, Available online 7 December 2016*, <http://dx.doi.org/10.1016/j.biopha.2016.11.080>, @2016
 484. Gheybi N, Bakhshi Biniyaz R, Taherkhani R, Jahani Hashemi H, Chegini R, Saremi M, Azhdari Zarmehri H, Najafipour R, Sofiabadi M. Quarterly of the Horizon of Medical Sciences 22(2), 145-150, @2016
 485. Alday, E., M. Navarro-Navarro, A. Garibay-Escobar, R. Robles-Zepeda, J. Hernandez, C. Velazquez. In : Chambo, E.D. (Editor) "Beekeeping and Bee Conservation - Advances in Research", ISBN 978-953-51-2412-2, Print ISBN 978-953-51-2411-5, INTECH, 2016, @2016
 486. Naseh M., N. Gheibi, H. Jahanihashemi, E. Azizlou, Z. Alizadeh Tabari. J Mash Dent Sch 40(2), 167-76, @2016
 487. Shaddel-Tili, A., B. Eshratkhan, H. Kouzehgari & M. Ghasemi-Sadabadi, . Bulg. J. Vet. Med. (online first) DOI: 10.15547/bjvm.986, @2016
-
147. Kostova, I., Dinchev, D., Hopp Rentsch, G., **Dimitrov, V.**, Ivanova, A.. Two new sulfated furostanol saponins from Tribulus terrestris. Zeitschrift fur Naturforschung - Section C Journal of Biosciences, 57, 1-2, 2002, ISSN:09395075, DOI:PubMed ID: 11926540, 33-38. ISI IF:0.715
- Цумура се е:
488. Kaur, K., Sharma, V., Singh, V., Wani, M.S., Gupta, R.C., Development of novel SSR markers for evaluation of genetic diversity and population structure in Tribulus terrestris L. (Zygophyllaceae), 3 Biotech, 2016, 6, Article number 156., @2016
 489. Ahmad, M., Khan, M.P.Z., Mukhtar, A., Zafar, M., Sultana, S., Jahan, S., Ethnopharmacological survey on medicinal plants used in herbal drinks among the traditional communities of Pakistan, Journal of Ethnopharmacology, 2016, 184, 154-186., @2016
 490. Kochkin, D.V., Khandy, M.T., Zaitsev, G.P., Tolkacheva, N.V., Shashkov, A.S., Titova, M.V., Chirva, V.Y., Nosov, A.M., Protodioscin in Dioscorea deltoidea Suspension Cell Culture, Chemistry of Natural Compounds, 2016, 52, 664-668., @2016
 491. Todorova, T., Bardarov, K., Miteva, D., Bardarov, V., Atanassov, A., Chankova, S., DNA-protective activities of Clinopodium vulgare L. extracts, Comptes Rendus de L'Academie Bulgare des Sciences, 2016, 69, 1019-1024., @2016
 492. Neychev, V., Mitev, V., Pro-sexual and androgen enhancing effects of Tribulus terrestris L.: Fact or Fiction, Journal of Ethnopharmacology, 2016, 179, 345-355., @2016
-
148. Tram, N. T. N., Mitova, M., **Bankova, V.**, Handjieva, N., Popov, S. S.. GC-MS of Crinum latifolium L. Alkaloids. Zeitschrift fuer Naturforschung C, 57c, 2002, 239-242. ISI IF:0.715

Цумура се е:

493. WESOŁOWSKA, A., M. GRZESZCZUK, J. WILAS, D. KULPA. Not Bot Horti Agrobo 44(1), 100-106, @2016

494. Ikewuchi, C.C., J.C. Ikewuchi, M.O. Ifeanacho. Food Science and Nutrition DOI: 10.1002/fsn3.449, @2016

149. **Stefanova, M.**, Oros, D., Otto, A., Simoneit, B.R.T.. Polar aromatic biomarkers in the Miocene Maritza-East lignite, Bulgaria. Organic Geochemistry, 33, 9, Elsevier, 2002, ISSN:0146-6380, DOI:10.1016/S0146-6380(02)00084-0, 1079-1091. SJR:1.374, ISI IF:3.458

Цитира се в:

495. L Rundić, N Vasić, D Životić, A Bechtel Volume 86, Issue 2, 2016, Pages 185-209 The Pliocene Paludina lake of Pannonian Basin: New evidence from northern Serbia Annales Societatis Geologorum Poloniae (2016) v. 86(2), pp. 185-209, @2016

496. Danica Mitrovic, N. Dokovic, D. Zivotic, A. Bechtel (...) K. Stojanovic (2016) Petrographical and organic geochemical study of the Kovin lignite deposit, Serbia Int. J. Coal Geology (in press), @2016

497. Doskočil, L., Enev, V., Pekař, M., & Wasserbauer, J. (2016). The spectrometric characterization of lipids extracted from lignite samples from various coal basins. Organic Geochemistry, 95, 34-40., @2016

498. Shiri, R., Siabeghods, A., & Sabzi, R. (2016). First Report of Biomarkers from Tabriz Lignite Beds (NW Iran). Universal Journal of Geoscience 4(2): 15-22, 2016, @2016

150. Champagne, B, **Spasova, M.**, Jadin, JB, Kirtman, B. Ab initio Investigation of Doping-enhanced Electronic and Vibrational Second Hyperpolarizability of Polyacetylene Chains. J. Chem. Phys., 116, 9, AIP, 2002, ISSN:0021-9606, 3935-3946. ISI IF:3.017

Цитира се в:

499. S. Marques, M. A. Castro, S. A. Leão, T. L. Fonseca, Chem. Phys. Lett. 659 (2016) 76–79. DOI:10.1016/j.cplett.2016.07.009, @2016

500. W.-M. Sun, X.-H. Li, Y. Li, B.-L. Ni, J.-H. Chen, C.-Y. Li, D. Wu, Z.-R. Li, ChemPhysChem, xxx (2016) xxx. DOI: 10.1002/cphc.201600970, @2016

501. P. G. Lacroix, I. Malfant, C. Lepetit, Coordination Chemistry Reviews, 308 (2016) 381–394., @2016

151. **Konakchiev, A.**, Tsankova, E., The Essential Oils of *Satureja montana* ssp. *kitaibelii* Wierzb. and *Satureja pilosa* var. *pilosa* Velen from Bulgaria. Journal of Essential Oil Research, 14, 2, 2002, 120-121

Цитира се в:

502. Tepe, B., Cilkiz, M. 2016. A pharmacological and phytochemical overview on *Satureja*. Pharmaceutical Biology, 54(3): 1–38., @2016

152. Kolev, T. M., **Stamboliyska, B.** Vibrational spectra and structure of benzil and its 18O- and d10-labelled derivatives: a quantum chemical and experimental study. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 58, 0.595, Elsevier, 2002, ISSN:1386-1425, DOI:doi:10.1016/S1386-1425(02)00043-4, 3127-3137. SJR:0.595

Цитира се в:

503. Karoui, K., Bechir, M. B., Bulou, A., Guidara, K., & Rhaïem, A. B., [N (CH₃)₃ H]₂ CuCl₄: Ab initio calculations and characterization of phase transitions by Raman spectroscopy, Journal

153. Berkov, S., **Philipov, S.** Alkaloid production in diploid and autotetraploid plants of *Datura stramonium*. *Pharmaceutical Biology*, 40, 8, 2002, ISSN:1388-0209, 617-621. ISI IF:1.241

Цумура се в:

504. Belabbassi, O., Khelifi-Slaoui, M., Zaoui, D., Benyammi, R., Khalfallah, N., Malik, S., Makhzoum, A., Khelifi, L. Synergistic effects of polyploidization and elicitation on biomass and hyoscyamine content in hairy roots of *Datura stramonium*. *Biotechnology, Agronomy, Society and Environment*, (2016), 20(3), 408-416., @2016
505. Li, Q., Yang, Y., Wu, H. In Vitro Segregation of Tetraploid and Octoploid Plantlets from Colchicine-induced Ploidy Chimeras in *Echinacea purpurea* L. *HortScience*, (2016), 51(5), 549-557, @2016
154. Tram, N. T. N., Titorenkova, T.V., **Bankova, V. S.**, Handjieva, N.V., Popov, S. S.. *Crinum* L. (Amaryllidaceae). *Fitoterapia*, 73, 3, 2002, 183-208. ISI IF:0.584

Цумура се в:

506. Maroyi, A. *Journal of Ethnopharmacology*, 2016*
<http://dx.doi.org/10.1016/j.jep.2016.10.046>, @2016
507. Ding, Y., D. Qu, K.-M. Zhang, X.-X. Cang, Z.-N. Kou, W. Xiao, J.-B. Zhu. *Journal of Asian Natural Products Research*, DOI: 10.1080/10286020.2016.1198332, @2016
508. Maroyi, A. *Trop J Pharm Res*, 15(11), 2497 – 2506, @2016
155. Kelo, E., Noronkoski, T., **Stoineva, I.**, Petkov, D., Mononen, I.,. Beta-Aspartyl Peptides as Substrates of L-Asparaginases from *E.coli* and *Erwinia chrysanthemi*. *FEBS Letters*, 528, Elsevier, 2002, ISSN:00145793, DOI:10.1016/S0014-5793(02)03273-8, 130-132. SJR:1.569

Цумура се в:

509. El-Sharkawy, A. S., Farag, A. M., Embaby, A. M., Saeed, H., & El-Shenawy, M. , Cloning, Expression and Characterization of aeruginosa EGYII L-Asparaginase from *Pseudomonas aeruginosa* strain EGYII DSM 101801 in *E. coli* BL21 (DE3) pLysS. *Journal of Molecular Catalysis B: Enzymatic*, @2016
510. Badoei-Dalfard, A. , L-asparaginase production in the *pseudomonas pseudoalcaligenes* strain JHS-71 isolated from Jooshan Hot-spring. *Molecular Biology Research Communications*, 5(1), 1-10., @2016
511. Kumar, S., Prabhu, A. A., Dasu, V. V., & Pakshirajan, K. , Batch and fed batch bioreactor studies for the enhanced production of glutaminase-free L-asparaginase from *Pectobacterium carotovorum* MTCC 1428. *Preparative Biochemistry and Biotechnology*, , @2016
512. Krishnapura, P. R., & Belur, P. D. , Partial purification and characterization of L-asparaginase from an endophytic *Talaromyces pinophilus* isolated from the rhizomes of *Curcuma amada*. *Journal of Molecular Catalysis B: Enzymatic*, 124, 83-91., @2016
156. Ekinici, E., Ferhat Yardim, M., Razvigorova, M., Minkova, V., Goranova, M., **Petrov, N., Budinova, T.** Characterization of liquid products from pyrolysis of subbituminous coals. *Fuel Processing Technology*, 77-78, Elsevier, 2002, ISSN:0378-3820, DOI:10.1016/S0378-3820(02)00056-5, 309-315. SJR:1.57, ISI IF:3.949

Цумура се в:

513. Kulakova, V., Butuzova, L., Andrade, J.M., Shevkoplyas, V., Turchanina, O., Characterization of sulfur coal-derived liquids as a source of hydrocarbons to produce chemicals and synthetic fuels, *Fuel*, 184, pp. 314-324. DOI:10.1016/j.fuel.2016.07.005., @2016
514. Zubkova, V., Witkiewicz, Z., Chromatographic analysis of chemical compositions of coals and changes in them during technological processing, *Critical Reviews in Environmental Science and Technology*, 46 (7), pp. 701-755. DOI: 10.1080/10643389.2016.1154779., @2016
157. Joshi, H., Kamounah, F.S., Gooijer, C., van der Zwan, G., **Antonov, L.** Excited state intramolecular proton transfer in some tautomeric azodyes and Schiff bases containing an intramolecular hydrogen bond. *Journal of Photochemistry and Photobiology*, 152A, 1-3, 2002, DOI:10.1016/S1010-6030(02)00155-7, 183-191. ISI IF:2.495

Цумура се в:

515. George, L., Kunhikannan, A.K., Illathvalappil, R., Ottoor, D., Kurungot, S., Devi, R.N., Understanding the electron transfer process in ZnO-naphthol azobenzoic acid composites from photophysical characterisation, *Physical Chemistry Chemical Physics*, 2016, Volume 18, Pages 22179-22187, @2016
516. Shweta, Neeraj, Asthana, S.K., Mishra, R.K., Upadhyay, K.K., Design-specific mechanistic regulation of the sensing phenomena of two Schiff bases towards Al³⁺, *RSC Advances*, 2016, Volume 6, Pages 55430-55437, @2016
158. **Bankova, V., Popova, M.**, Bogdanov, S., Sabatini, A.-G.. Chemical Composition of European Propolis: Expected and Unexpected Results. *Z. Naturforsch.*, 57c, 2002, 530-533. ISI IF:0.72

Цумура се в:

517. Sforcin, J.M. Biological Properties and Therapeutic Applications of Propolis. *Phytotherapy Research* 30(6), 894-905, 2016., @2016
518. Dušanka Milojković Opsenica, Petar Ristivojević, Jelena Trifković, Irena Vovk, Dražen Lušić, Živoslav Tešić. TLC Fingerprinting and Pattern Recognition Methods in the Assessment of Authenticity of Poplar-Type Propolis. *J Chromatogr Sci* (2016) doi: 10.1093/chromsci/bmw024., @2016
519. Milojković Opsenica, D., P. Ristivojević, J. Trifković, I. Vovk, D. Lušić, Ž. Tešić. *J Chromatogr Sci* first published online February 29, 2016, doi:10.1093/chromsci/bmw024, @2016
520. Salman, H.D. *International Journal of Science and Research* 5(4), 1514 – 1521 (2016)., @2016
521. Chasset, T., T.T. Häbe, P. Ristivojevic, G.E. Morlock. *Journal of Chromatography A*, Available online 21 August 2016., @2016
522. Isidorov, V.A., S. Bakier, E. Pirožnikow, M. Zambrzycka, I. Swiecicka. *J Chem Ecol* 42, 475–485 (2016)., @2016
523. Ohkura, N., K. Oishi, F. Kihara-Negishi, G.-i. Atsumi, T. Tatefuji. *J Intercult Ethnopharmacol* 5(4): (2016). doi: 10.5455/jice.20160814112735, @2016
524. Özkök, A., K. Sorkun, B. Salih. *Hacettepe J. Biol. & Chem.*, 44(3), 317–328 (2016)., @2016
525. Dimkić, I., P. Ristivojević, T. Janakiev, T. Berić, J. Trifković, D. Milojković-Opsenica, S. Stanković, *Industrial Crops and Products* 94(30), 856-871, (2016)., @2016
526. Ararso, Z., Legesse, G. *Agric. Biol. J. N. Am.* 7(6), 302-306 (2016)., @2016
527. Al Naggar, Y., J. Sun, A. Robertson, J.P. Giesy, S. Wiseman. *Journal of Apicultural Research*,

55(4), 305-314 (2016)., @2016

528. De Souza, E.A. PhD Thesis, UNIVERSIDADE ESTADUAL PAULISTA, FACULDADE DE MEDICINA VETERINÁRIA E ZOOTECNIA, CÂMPUS DE BOTUCATU. Botucatu - SP, 2016., @2016
529. Somensi Zeggio, A.R. PhD Thesis, Universidade Federal de Santa Catarina, Florianópolis, 2016., @2016
530. Erturk, O., E. Cil, N. Yoloğlu, C. Yavuz. *Mellifera* 16(1), 4–18, @2016
531. Rebaza, R.; .L. Amaya; A.a Gutiérrez; R. Haro; M. Tumbajulca; F. Valera; Y. Vargas; G.a Barraza-Jauregui; J.M. León Vargas; J.A. Sánchez-González. *Agroindustrial Science* 6(2), 239 – 252, @2016
532. Ibrahim, N., Zakaria, A.J., Ismail, Z., Mohd, K.S. Antibacterial and phenolic content of propolis produced by two Malaysian stingless bees, *Heterotrigona itama* and *Geniotrigona thoracica*. *International Journal of Pharmacognosy and Phytochemical Research* 8 (1), pp. 156-161, 2016., @2016
533. Omar, R.M.K., Igoli, J., Gray, A.I., Ebiloma, G.U., Clements, C., Fearnley, J., Edrada Ebel, R.A., Zhang, T., De Koning, H.P., Watson, D.G. Chemical characterisation of Nigerian red propolis and its biological activity against *Trypanosoma Brucei*. *Phytochemical Analysis* 27(2), 107-115, 2016., @2016
159. Antonov, L., Kamada, K., Ohta, K.. Estimation of two-photon absorption characteristics by a global fitting procedure. *Applied Spectroscopy*, 56, 11, 2002, DOI:10.1366/00037020260377841, 1508-1511. ISI IF:2.014

Цумура се в:

534. Aparicio-Ixta, L., Rodriguez, M., Ramos-Ortiz, G., Organic nanomaterials with two-photon absorption properties for biomedical applications, *Springer Series in Optical Sciences*, 2016, Volume 199, Pages 25-50, @2016

160. Kolev, T.M., Stamboliyska, B.A. Vibrational spectra and structure of benzil and its 18O- and d10-labelled derivatives: A quantum chemical and experimental study. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, 58, 14, Elsevier, 2002, ISSN:1386-1425, DOI:10.1016/S1386-1425(02)00043-4, 3127-3131. SJR:0.717, ISI IF:2.558

Цумура се в:

535. Karoui, K., Bechir, M. B., Bulou, A., Guidara, K., Rhaiem, A. B., [N (CH 3) 3 H] 2 CuCl 4: Ab initio calculations and characterization of phase transitions by Raman spectroscopy, *Journal of Molecular Structure*, 2016, 1114, 161-170., @2016

161. Philipov, S., Berkov, S.. GC-MS Investigation of Tropane Alkaloids in *Datura stramonium*. *Zeitschrift für Naturforschung C*, 57, 5-6, 2002, ISSN:1865-7125, DOI:10.1515/znc-2002-5-627, 559-561. ISI IF:0.88

Цумура се в:

536. Śramska, P., Maciejka, A., Topolewska, A., Stepnowski, P., Haliński, Ł. P. Isolation of atropine and scopolamine from plant material using liquid-liquid extraction and EXtrelut® columns. *Journal of Chromatography B*, (2016), @2016
537. Lesiak, A., Musah, R. Rapid High-throughput Species Identification of Botanical Material Using Direct Analysis in Real Time High Resolution Mass Spectrometry. *J Vis Exp.*, (2016), 116, 54197., @2016

538. Alfaro, A., Bello, U., Chavarría, L. Cytotoxicity of the Methanol Extract of *Datura innoxia* Petals on MCF-7 and HEK-293 Cell Lines. *International Journal of Biomedicine & Life Sciences*, (2016), 1(1), 43-48., @2016
539. Cheshomi, H., Aldaghi, L., Seresht, H. Cytotoxicity of the Methanol Extract of *Datura innoxia* Petals on MCF-7 and HEK-293 Cell Lines. *J Biomed.*, (2016), 1(2), e6623., @2016

162. **Popova, M., Bankova, V.,** Chimov, A., Silva, M.V.. A scientific note on the high toxicity of propolis that comes from *Myroxylon balsamum* trees. *Apidologie*, 33, 2002, 87-88. ISI IF:1.05

Цумура се в:

540. Ahmed, O.B., U.T. Mahmoud, M.A.M. Mahmoud, M.R. Fath El-Bab. *Journal of Advanced Veterinary Research* 6(1), 1–6 (2016)., @2016

2003

163. Serkedjieva. J., Roeva.I., Angelova. M., **Dolashka. P.,** Voelter. W,. Combined protective effect of a fungal Cu/Zn-containing superoxide dismutase and rimantadine hydrochloride in the murine experimental influenza A virus infection. *Acta Virologica*, 47, 1, 2003, 53-56. ISI IF:0.683

Цумура се в:

541. Comparative study on the antioxidant capacities of synthetic influenza inhibitors and ellagic acid in model systems., @2016

164. **Momchilova, Sv., Nikolova-Damyanova, B..** Stationary phases for silver ion chromatography of lipids: Preparation and properties. *Journal of Separation Science*, 26, 3-4, WILEY-VCH, 2003, ISSN:1615-9306, DOI:10.1002/jssc.200390032, 261-270. SJR:0.847, ISI IF:2.737

Цумура се в:

542. Poškus, V., Vičkačkaite, V., Brimas, G., Silver ion solid-phase extraction for the analysis of trans fatty acids in human adipose, *Chemija*, 2016, Volume 27 (3), Pages 179-184, @2016
543. Peng, T., HPLC separation of total lipid classes and simultaneous analysis of lipid oxidation products, PhD Dissertation, Graduate School New Brunswick, Rutgers, The State University of New Jersey, New Brunswick, New Jersey, USA, May 2016, @2016
544. Mander, L.N., Williams, C.M., *Chromatography with Silver Nitrate: Part 2*, *Tetrahedron*, 2016, Volume 72 (9), Pages 1133-1150, @2016
545. E.B. Divito, K.M. Kroniser, M.Cascio, Multidimensional liquid chromatography coupled with tandem mass spectrometry for identification of bioactive fatty acyl derivatives, *Frontiers in Physiology*, 7/Dec (2016), Article number 608., @2016

165. **Alipiev, K.,** Taskova, R.M., Evstatieva, L.N., Handjieva, N.V., Popov, S.. Benzoxazinoids and iridoid glucosides from four *Lamium* species. *Phytochemistry*, 64, Elsevier, 2003, ISSN:1874-3900, 1413-1417. ISI IF:1.889

Цумура се в:

546. Atay, I., Kirmizibekmez, H., Kaiser, M., Akaydin, G., Yesilada, E., Tasdemir, D. Evaluation of in vitro antiprotozoal activity of *Ajuga laxmannii* and its secondary metabolites. *Pharmaceutical Biology*, 54 (9), 1808-1814., @2016
547. Venditti, A., Frezza, C., Maggi, F., Lupidi, G., Bramucci, M., Quassinti, L., Giuliani, C.,

Cianfaglione, K., Papa, F., Serafini, M., Bianco, A. Phytochemistry, micromorphology and bioactivities of *Ajuga chamaepitys* (L.) Schreb. (Lamiaceae, Ajugoideae): Two new harpagide derivatives and an unusual iridoid glycosides pattern . *Fitoterapia*, 113, 35-43., @2016

548. Pihlava, J.-M., Kurtelius, T. Determination of benzoxazinoids in wheat and rye beers by HPLC-DAD and UPLC-QTOF MS. *Food Chemistry*, 204, 400-408., @2016

166. Savova, D., **Petrov, N.**, Ferhat Yardim, M., Ekinici, E., **Budinova, T.**, Razvigorova, M., Minkova, V.. The influence of the texture and surface properties of carbon adsorbents obtained from biomass products on the adsorption of manganese ions from aqueous solution. *Carbon*, 41, 10, Elsevier, 2003, ISSN:0008-6223, DOI:10.1016/S0008-6223(03)00179-9, 1897-1903. SJR:1.996, ISI IF:6.89

Цумура се е:

549. Barboza, N.R., Guerra-Sa, R., Leao, V.A., Mechanisms of manganese bioremediation by microbes: an overview, *Journal of Chemical Technology and Biotechnology*, 91 (11), pp. 2733-2739. DOI: 10.1002/jctb.4997., @2016

550. Ebrahimian Pirbazari, A., Fakhari Kisom, B., Ghamangiz Khararoodi, M., Anionic surfactant-modified rice straw for removal of methylene blue from aqueous solution, *Desalination and Water Treatment*, 57 (39), pp. 18202-18216. DOI: 10.1080/19443994.2015.1090919., @2016

551. Gonsalvesh, L., Marinov, S.P., Gryglewicz, G., Carleer, R., Yperman, J., Preparation, characterization and application of polystyrene based activated carbons for Ni(II) removal from aqueous solution, *Fuel Processing Technology*, 149, pp. 75-85. DOI:10.1016/j.fuproc.2016.03.024., @2016

552. Khan, M.M.R., Rahman, M.W., Ong, H.R., Ismail, A.B., Cheng, C.K., Tea dust as a potential low-cost adsorbent for the removal of crystal violet from aqueous solution, *Desalination and Water Treatment*, 57 (31), pp. 14728-14738. DOI: 10.1080/19443994.2015.1066272., @2016

553. Ebrahimian Pirbazari, A., Saberikhah, E., Gholami Ahmad Gorabi, N., Fe₃O₄ nanoparticles loaded onto wheat straw: an efficient adsorbent for Basic Blue 9 adsorption from aqueous solution, *Desalination and Water Treatment*, 57 (9), pp. 4110-4121. DOI:10.1080/19443994.2014.989918., @2016

167. **Alipieva, K.**, Evstatieva, L.N., Handjieva, N., Popov, S.. Comparative analysis of the composition of flower volatiles from *Lamium L.* species and *Lamiastrum galeobdolon* Heist. ex Fabr. *Zeitschrift für Naturforschung C*, 58, 2003, ISSN:0939-5075, 779-782. ISI IF:0.642

Цумура се е:

554. Derhali, S., El Hamdani, N., Fdil, R., Mouzdahir, A., Sraidi, K. Chemical composition of essential oils of *Retama monosperma* (L.) Boiss. from Morocco. *Research Journal of Pharmaceutical, Biological and Chemical Sciences*, 7 (4), 2102-2106., @2016

555. Morteza-Semnani, K., Saeedi, M., Akbarzadeh, M. Chemical Composition of the Essential Oil of the Flowering Aerial Parts of *Lamium album* L.. *Journal of Essential Oil-Bearing Plants*, 19 (3), 773-777., @2016

556. Liang, X., He, C., Zhu, X., Chen, X., Lei, Y., Zhang, H., Qin, Z., Qi, X. Effect of exotic *Spartina alterniflora* on fungal symbiosis with native plants *Phragmites australis* and *Scirpus mariqueter*, and model plants *Lolium perenne* L. and *Trifolium repen*. *Aquatic Botany*, 130, 50-58., @2016

168. **Trendafilova-Savkova, A.B.**, **Todorova, M.N.**, Gushev, C.V.. Silphiperfolane Sesquiterpene Acids from *Artemisia chamaemelifolia* Vill.. *Zeitschrift für Naturforschung - Section C Journal of Biosciences*, 58, 11-12, Verlag der Zeitschrift für Naturforschung, 2003, ISSN:0939-5075, 817-819. ISI IF:0.51

Цитира се в:

557. Das, D., Chakraborty, T.K. An overview of the recent synthetic studies toward penifulvins and other fenestranes (2016) Tetrahedron Letters, 57 (33), pp. 3665-3677, @2016
169. Kaneti, J., Bakalova, S. M., Pojarlieff, I. G.. Schiff Base Addition to Cyclic Dicarboxylic Anhydrides – an Unusual Concerted Reaction. An MO and DFT Theoretical Study. The Journal of Organic Chemistry, 68, 17, American Chemical Society, 2003, ISSN:Print Edition ISSN: 0022-3263; Web Edition ISSN: 1520-6904, DOI:10.1021/jp020994a, 6824-6827. ISI IF:4.721

Цитира се в:

558. Cronin, S.A., Gutiérrez Collar, A., Gundala, S., Cornaggia, C., Torrente, E., Manoni, F., Botte, A., Twamley, B., Connon, S.J., Org. Biomolecular Chem., 14, 2016, 6955-6959, The first catalytic asymmetric cycloadditions of imines with an enolisable anhydride, @2016
559. Pashev, A.S., Burdzhiev, N.T., Stanoeva, E.R., Org. Preparations and Procedures Intern, 48, 2016, 425-467. Synthetic Approaches toward the Benzo[a]quinolizidine System. A Review, @2016
170. Dimitrov, V., Linden, A.. A pseudotetrahedral, high-oxidation-state organonickel compound: Synthesis and structure of bromotris(1-norbornyl)nickel(IV). Angewandte Chemie - International Edition, 42, 23, Wiley-VCH Verlag GmbH & Co. KGaA, 2003, ISSN:14337851, DOI:10.1002/anie.200219383, 2631-2633. ISI IF:8.427

Цитира се в:

560. Liptrot, D.J., Guo, J.-D., Nagase, S., Power, P.P., Dispersion Forces, Disproportionation, and Stable High-Valent Late Transition Metal Alkyls, Angewandte Chemie - International Edition, 2016, 55, 14766-14769., @2016
561. Martinez, G.E., Ocampo, C., Park, Y.J., Fout, A.R., Accessing Pincer Bis(carbene) Ni(IV) Complexes from Ni(II) via Halogen and Halogen Surrogates, Journal of the American Chemical Society, 2016, 138, 4290-4293., @2016
171. Tsoncheva, T., Vankova, S., Mehandjiev, D.. Effect of the precursor and the preparation method on copper based activated carbon catalysts for methanol decomposition to hydrogen and carbon monoxide. Fuel, 82, 7, Elsevier, 2003, ISSN:0016-2361, DOI:doi:10.1016/S0016-2361(02)00366-6, 755-763. SJR:1.568, ISI IF:3.52

Цитира се в:

562. Mandoli, A., Recent advances in recoverable systems for the copper-catalyzed azide-alkyne cycloaddition reaction (CuAAC), @2016
563. Chassaing, S., Bénateau, V., Pale, P., When CuAAC 'Click Chemistry' goes heterogeneous, @2016
172. Simova, S., Ivanova, G., Spassov, S.. Alternative NMR method for quantitative determination of acyl positional distribution in triacylglycerols and related compounds. Chemistry and Physics of Lipid, 126, 2, Elsevier, 2003, ISSN:0009-3084, DOI:10.1016/j.chemphyslip.2003.08.003, 167-176. SJR:0.783, ISI IF:2.697

Цитира се в:

564. Cutignano, A., Luongo, E., Nuzzo, G., Pagano, D., Manzo, E., Sardo, A., Fontana, A., Profiling of complex lipids in marine microalgae by UHPLC/tandem mass spectrometry, Algal Research, 17, pp. 348-358., @2016

565. Usman, A., Itodo, A. U., Usman, N. L., Haruna, M., Fatty Acid Methyl Esters Composition of Trichilia Emetica Shell Oil, American Scientific Research Journal for Engineering, Technology, and Sciences, 21(1), @2016

173. Hadjiivanov, K., **Tsoncheva, T., Dimitrov, M.**, Mintchev, C., Knözinger, H.. FTIR spectroscopic study of CO adsorption on Cu/MCM-41 and Cu/MCM 48 samples. Applied Catalysis A: General, 241, Elsevier, 2003, 331-340. SJR:1.234, ISI IF:4.012

Цитира се в:

566. Gutiérrez-Díaz, J.L., Uruchurtu-Chavarín, J., Guizado-Rodríguez, M., Barba, V., Steel protection of two composite coatings: Polythiophene with ash or MCM-41 particles containing iron(III) nitrate as inhibitor in chloride media, @2016

567. Wang, S., Yin, S., Guo, W., Zhu, L., Wang, X., Influence of inlet gas composition on dimethyl ether carbonylation and the subsequent hydrogenation of methyl acetate in two-stage ethanol synthesis, @2016

174. Kambourova, R., **Bankova, V.**, Petkov, G.. Volatile Substances of Green Alga Scenedesmus incassatus. 83c, Zeischrift fuer Naturforschung C, 2003, ISSN:0939-5075, 187-190. ISI IF:0.57

Цитира се в:

568. Шпичка А И, Семенова Е Ф. Биологические науки 5, 28-49, @2016

569. Jamil, T.S., A.M. Abdel Aty, H.H.A. Ghafar, S.M. Abdo. Desalination and Water Treatment, 57(2), 908-915, @2016

175. Saukel, J., Anchev, M., Guo, Y., Vitkova, A., Nedelcheva, A., Goranova, V., **Konakchiev, A.**, Lambrou, M., Nejati, S., Rauchensteiner, F., Ehrendorfer, F., Comments on the biosystematics of Achillea (Asteraceae-Anthemideae) in Bulgaria. Phytologia balcanica, 9, 3, 2003, ISSN:1310-7771, 361-400

Цитира се в:

570. Baltisberger, M., Widmer, A. 2016. Chromosome numbers and karyotypes within the genus Achillea (Asteraceae: Anthemideae). Willdenowia, 46(1): 121-135., @2016

176. **Trusheva, B., Popova, M., Bankova, V.**, Tsvetkova, I., Naydenski, H., Sabatini, A. G.. A New Type of European Propolis, Containing Bioactive Labdanes. Rivista Italiana EPPOS, 13, 36, 2003, 3-8

Цитира се в:

571. Al-Ghamdi, A. A., Bayaqoob, N. I. M., Rushdi, A. I., Alattal, Y., Simoneit, B. R. T., El-Mubarak, A. H., Al-Mutlaq, K. F. "Chemical compositions and characteristics of organic compounds in propolis from Yemen", Saudi Journal of Biological Sciences (2016)*, doi: <http://dx.doi.org/10.1016/j.sjbs.2016.12.012>, @2016

177. **Mavrodinova, V., Popova, M.**, Mihályi, R.M., Pál-Borbély, G., Minchev, C. Transalkylation of toluene with cumene over zeolites Y dealuminated in solid-state: Part II. Effect of the introduced Lewis acid sites. Applied Catalysis A: General, 248, 1-2, Elsevier, 2003, ISSN:0926860X, DOI:10.1016/S0926-860X(03)00153-4, 197-209. SJR:1.213, ISI IF:3.977

Цитира се в:

572. Zou, Y., Jiang, H., Liu, Y., Gao, H., Xing, W., Chen, R., Highly efficient synthesis of cumene via benzene isopropylation over nano-sized beta zeolite in a submerged ceramic membrane reactor, Separation and Purification Technology, 170, pp. 49-56, @2016

573. Yadav, R., Sakthivel, A., Isopropylation of 2-naphthol over mesoporous silicoaluminophosphate-37 (MESO-SAPO-37): The effect of bond dissociation energy on product distribution, *New Journal of Chemistry*, 40 (3), pp. 2886-2894, @2016
574. Teimouri, A., Najafi Chermahini, A., A mild and highly efficient Friedländer synthesis of quinolines in the presence of heterogeneous solid acid nano-catalyst, *Arabian Journal of Chemistry*, 9, pp. S433-S439., @2016
178. Berkov, S., Pavlov, A., Kovatcheva, P., Stanimirova, P., **Philipov, S.** Alkaloid spectrum in diploid and tetraploid hairy root cultures of *Datura stramonium*. *Zeitschrift fur Naturforschung - Section C Journal of Biosciences*, 58, 1-2, 2003, ISSN:0341-0382, 42-46. ISI IF:0.8

Цумура се в:

575. Belabbassi, O., Khelifi-Slaoui, M., Zaoui, D., Benyammi, R., Khalfallah, N., Malik, S., Makhzoum, A., Khelifi, L. Synergistic effects of polyploidization and elicitation on biomass and hyoscyamine content in hairy roots of *Datura stramonium*. *Biotechnology, Agronomy, Society and Environment*, (2016), 20(3), 408-416., @2016
576. Thwe, A., Valan Arasu, M., Li, X., Park, C. H., Kim, S. J., Al-Dhabi, N. A., Park, S. U. Effect of Different *Agrobacterium rhizogenes* Strains on Hairy Root Induction and Phenylpropanoid Biosynthesis in Tartary Buckwheat (*Fagopyrum tataricum* Gaertn). *Front Microbiol.*, (2016), 7, 318., @2016
577. Belabbassi, O., Khelifi-Slaoui, M., Zaoui, D., Benyammi, R., Khalfallah, N., Malik, S., Makhzoum, A., Khelifi, L. Effets synergiques de la polyploïdisation et de l'éllicitation sur la biomasse et le contenu en hyoscyamine des chevelus racinaires de *Datura stramonium*. *Biotechnol. Agron. Soc. Environ.*, (2016), 20(3), 408-416., @2016
578. Gabr, A., Mabrok, H., Ghanem, K., Blaut, M., Smetanska, I. Lignan accumulation in callus and *Agrobacterium rhizogenes*-mediated hairy root cultures of flax (*Linum usitatissimum*). *Plant Cell, Tissue and Organ Culture (PCTOC)*, (2016), 126(2), 255-267., @2016
179. **Velcheva E. A.**, Juchnovski I. N., Binev I. G.. IR studies in the substituted benzaldehyde series provide a new definition of sigma-plus constants of ionic substituents. *Spectrochimica Acta, A* 59, Elsevier, 2003, ISSN:13861425, DOI:10.1016/S1386-1425(02)00398-0, 1745-1749. ISI IF:2.653

Цумура се в:

579. Nummert, V., Piirsalu, M., Vahur, S., Toom, L., Leito, I., and Koppel, I. A Effects of neutral and charged substituents on the infrared carbonyl stretching frequencies in phenyl and alkyl benzoates in DMSO. *J. Phys. Org. Chem.*(2016), doi: 10.1002/poc.3608., @2016
180. Prytyk, E., Dantas, A.P., Salomao, K., Pereira, A.S., **Bankova, V.**, Castro, S.L., Neto, F.R.. Flavonoids and trypanocidal activity of Bulgarian propolis. *Journal of Ethnopharmacology*, 88, 2-3, 2003, 189-193. ISI IF:1.269

Цумура се в:

580. Kalafova, A., P. Hascik, M. Kacaniová, P. Petruska, M. Capcarova. *Journal of Apicultural Research*, 54(3), 1-6, @2016
181. **Antonov, L.**, Kamada, K., Ohta, K., Kamounah, F.S.. A systematic femtosecond study on the two-photon absorbing D- π -A molecules - π -bridge nitrogen inseprtion and strength of the donor and acceptor groups. *Physical Chemistry Chemical Physics*, 5, 6, 2003, DOI:10.1039/b211260d, 1193-1197. ISI IF:4.493

Цумура се в:

581. Hu, Z., Autschbach, J., Jensen, L., Simulating Third-Order Nonlinear Optical Properties Using Damped Cubic Response Theory within Time-Dependent Density Functional Theory, *Journal of Chemical Theory and Computation*, 2016, Volume 12, Pages 1294-1304, @2016
582. Lim, C.-K., Li, X., Li, Y., Drew, K.L.M., Palafox-Hernandez, J.P., Tang, Z., Baev, A., Kuzmin, A.N., Knecht, M.R., Walsh, T.R., Swihart, M.T., Ågren, H., Prasad, P.N., Plasmon-enhanced two-photon-induced isomerization for highly-localized light-based actuation of inorganic/organic interfaces, *Nanoscale*, 2016, Volume 8, Pages 4194-4202, @2016
583. Hu, D., Lin, J., Jin, S., Hu, Y., Wang, W., Wang, R., Yang, B., Synthesis, structure and optical data storage properties of silver nanoparticles modified with azobenzene thiols, *Materials Chemistry and Physics*, 2016, Volume 170, Pages 108-112, @2016
182. Mehmet Yardim, M.F., **Budinova, T.**, Ekinici, E., **Petrov, N.**, Razvigorova, M, Minkova, V.. Removal of mercury (II) from aqueous solution by activated carbon obtained from furfural. *Chemosphere*, 52, 5, Elsevier, 2003, ISSN:0045-6535, DOI:10.1016/S0045-6535(03)00267-4, 835-841. SJR:1.409, ISI IF:3.854

Цумура се в:

584. Xu, X., Schierz, A., Xu, N., Cao, X., Comparison of the characteristics and mechanisms of Hg(II) sorption by biochars and activated carbon, *Journal of Colloid and Interface Science*, Vol. 463, pp. 55-60. DOI: 10.1016/j.jcis.2015.10.003., @2016
585. Tadjarodi, A., Moazen Ferdowsi, S., Zare-Dorabei, R., Barzin, A., Highly efficient ultrasonic-assisted removal of Hg(II) ions on graphene oxide modified with 2-pyridinecarboxaldehyde thiosemicarbazone: Adsorption isotherms and kinetics studies, *Ultrasonics Sonochemistry*, 33, pp. 118-128. DOI: 10.1016/j.ultsonch.2016.04.030., @2016
586. Hashem, A., Hammad, H.A., Al-Anwar, A., Modified Camelorum tree particles as a new adsorbent for adsorption of Hg(II) from aqueous solutions: kinetics, thermodynamics and non-linear isotherms, *Desalination and Water Treatment*, 57 (50), pp. 23827-23843. DOI:10.1080/19443994.2016.1141374., @2016
587. Shen, W., Yan, L., Tian, W., Cui, X., Qi, Z., Sun, Y., A novel aggregation induced emission active cyclometalated Ir(III) complex as a luminescent probe for detection of copper(II) ion in aqueous solution, *Journal of Luminescence*, 177, pp. 299-305. DOI:10.1016/j.jlumin.2016.04.048., @2016
588. Singh, V., Singh, A., Preeti, Joshi, S., Malviya, T., Synthesis, characterization and mercury (II) removal using poly(vinylacetate) grafted guar gum, *Advanced Materials Letters*, 7 (7), pp. 573-578. DOI: 10.5185/amlett.2016.6006., @2016
589. Xue, X., Fang, H., Chen, H., Zhang, C., Zhu, C., Bai, Y., He, W., Guo, Z., In vivo fluorescence imaging for Cu²⁺ in live mice by a new NIR fluorescent sensor, *Dyes and Pigments*, 130, pp. 116-121. DOI: 10.1016/j.dyepig.2016.03.017., @2016
590. Dong, L., Liu, W., Jiang, R., Wang, Z., Study on the adsorption mechanism of activated carbon removing low concentrations of heavy metals, *Desalination and Water Treatment*, 57 (17), pp. 7812-7822. DOI: 10.1080/19443994.2015.1100140., @2016
591. Kazemi, F., Younesi, H., Ghoreyshi, A.A., Bahramifar, N., Heidari, A., Thiol-incorporated activated carbon derived from fir wood sawdust as an efficient adsorbent for the removal of mercury ion: Batch and fixed-bed column studies, *Process Safety and Environmental Protection*, 100, pp. 22-35. DOI: 10.1016/j.psep.2015.12.006., @2016
592. Dixit, A., Atal, K., Mishra, P.K., Alam, M.S., Removal of mercury(II) through adsorption on titania nanofibers, *Asian Journal of Chemistry*, 28 (2), pp. 415-422. DOI:10.14233/ajchem.2016.19389., @2016

593. Xu, Z.-Y., Wang, X.-L., Yan, J.-W., Li, J., Guan, S., Zhang, L., A colorimetric and fluorometric NBD-based chemosensor for highly selective recognition of palladium(II) cations, RSC Advances, 6 (49), pp. 43539-43541. DOI: 10.1039/c6ra06226a., @2016
594. Huang, S., Ma, C., Liao, Y., Min, C., Du, P., Jiang, Y., Removal of Mercury(II) from Aqueous Solutions by Adsorption on Poly(1-amino-5-chloroanthraquinone) Nanofibrils: Equilibrium, Kinetics, and Mechanism Studies, Journal of Nanomaterials, art. no. 7245829. DOI:10.1155/2016/7245829., @2016
595. Jiang, L., Li, S., Yu, H., Zou, Z., Hou, X., Shen, F., Li, C., Yao, X., Amino and thiol modified magnetic multi-walled carbon nanotubes for the simultaneous removal of lead, zinc, and phenol from aqueous solutions, Applied Surface Science, 369, pp. 398-413. DOI:10.1016/j.apsusc.2016.02.067., @2016

183. **Nikolova-Damyanova, B.**, Dobson, G., **Momchilova, S.**, Christie, W.W.. Cyclohexanediol fatty acid diesters as model compounds for mechanistic studies in silver ion high performance liquid chromatography. Journal of Liquid Chromatography and Related Technologies, 26, 12, Marcel Dekker, Inc., 2003, ISSN:1082-6076, DOI:10.1081/JLC-120021759, 1905-1912. SJR:0.472, ISI IF:0.844

Цумура се е:

596. Divito, E.B., Kroniser, K.M., Cascio, M., Multidimensional liquid chromatography coupled with tandem mass spectrometry for identification of bioactive fatty acyl derivatives, Frontiers in Physiology, 2016, Volume 7 (DEC), Article number 608, @2016

184. Paulino, N., Dantas, A.P., **Bankova, V.**, Longhi, D.T., Scremin, A., de Castro, S.L., Calixto, J.B.. Bulgarian Propolis Induces Analgesic and Anti-inflammatory Effects in Mice and Inhibits In Vitro Contraction of Airway Smooth Muscle.. Journal of Pharmacological Sciences, 93, 2003, 307-313

Цумура се е:

597. Tijjani R.G., Umar M.L., Hussaini I.M., Shafiu R., Zezi A.U. Annals of Biological Sciences 4(1):6-12, @2016
598. Alday, E., M. Navarro-Navarro, A. Garibay-Escobar, R. Robles-Zepeda, J. Hernandez, C. Velazquez. In : Chambo, E.D. (Editor) "Beekeeping and Bee Conservation - Advances in Research", ISBN 978-953-51-2412-2, Print ISBN 978-953-51-2411-5, INTECH, 2016, @2016
599. Shoaib, M., S.W. Ali Shah, N. Ali, I. Shah, S. Ullah, M. Ghias, M.N. Tahir, F. Gul, S. Akhtar, A. Ullah, W. Akbar, A. Ullah. BMC Complementary and Alternative Medicine 16:178, @2016
600. Zeghad, N., A. Madi, S. Helmi, A. Belkhiri. Tropical Journal of Pharmaceutical Research, 15(9): 1915-1921, @2016

185. Lopes, F.A., **Bankova, V.**, Sforcin, J. M.. Effect of three vegetal sources of propolis on macrophages activation. Phytomedicine, 2003, 343-343. ISI IF:1.138

Цумура се е:

601. Kalia, P., N.R. Kumar, K. Harjai. Archives of Biological Sciences, 68(2), 385-391, @2016
602. Martins Ribeiro, M.H., P.M. Correia de Albuquerque, C. Fernandes Pinto da Luz. Braz. J. Bot 39(3), 895 – 912, @2016

186. **Stamboliyska, B. A., Velcheva, E. A.**, Binev, I.G.. IR spectral and structural changes caused by the conversion of 3-hydroxybenzaldehyde into the oxanion. Spectrochimica Acta Part A, 59, ELSEVIER, 2003, ISSN:13861425, DOI:10.1016/S1386-1425(02)00331-1, 1541-1548. SJR:0.595

Цитирана се в:

603. Jin, J., Sang, J., Fan, X., Chang, C., Wu, H., Solubilities of hydroxybenzaldehyde isomers and their mixture in subcritical 1, 1, 1, 2-tetrafluoroethane, *Thermochimica Acta*, 2016, 624, 8-14., @2016
604. Wu, H., Zhu, J., Wang, Y., Chang, C., Jin, J. Measurement and modeling for solubility of 3-hydroxybenzaldehyde and its mixture with 4-hydroxybenzaldehyde in supercritical carbon dioxide, *Fluid Phase Equilibria*, 409 (2016) 271-279. , @2016

187. **Popova, M., Bankova, V.,** Butovska, D., Petkov, V., Damyanova, B., Sabatini, A.G., Marcazzan, G.L., Bogdanov, S.. Poplar type propolis and analysis of its biologically active components. *Honeybee Science*, 24, 2, 2003, 61-66

Цитирана се в:

605. Damayanti, R., L.E. Fitri, M. Dalhar. *Jurnal Kedokteran Brawijaya* 29(2), 110-116, 2016., @2016
606. Ashalia, C.D., Mulyohadi A., Hari P. *Jurnal Kedokteran Brawijaya* 29(2), 117-124, 2016., @2016

188. Ferhat Yardim, M., Ekinici, E., Minkova, V., Razvigorova, M., **Budinova, T., Petrov, N.,** Goranova, M.. Formation of porous structure of semicokes from pyrolysis of Turkish coals in different atmospheres. *Fuel*, 82, 4, Elsevier, 2003, ISSN:0016-2361, DOI:10.1016/S0016-2361(02)00295-8, 459-463. SJR:1.568, ISI IF:4.091

Цитирана се в:

607. Li, A., Wu, D., Wang, Q., Liu, W., Bao, B., Pyrolysis of long flame coal under steam atmosphere in a fluidised-bed reactor, *International Journal of Oil, Gas and Coal Technology*, 12 (1), pp. 51-62. DOI: 10.1504/IJOGCT.2016.075845., @2016

2004

189. **Angelova, S., Enchev, V., Markova, N., Denkova, P., Kostova, K..** Ab initio study of 2,4-substituted azolidines. I. Tautomerism. *Journal of Molecular Structure: THEOCHEM*, 711, 1-3, Elsevier, 2004, ISSN:0166-1280, DOI:10.1016/j.theochem.2004.09.022, 201-207. ISI IF:1.007

Цитирана се в:

608. Gabriele Micheletti, Carla Boga, Luciano Forlani, Erminia Del Vecchio, Nicola Zanna, Andrea Mazzanti, Magda Monari, Hydroxy- and Methoxy-Benzene Derivatives with Benzenediazonium Salts: Chemical Behavior and Tautomeric Problems, *European Journal of Organic Chemistry*, Accepted manuscript online: 30 November 2016, 10.1002/ejoc.201601393, @2016

190. **Kratchanova M.,** Pavlova E., Panchev I.. The effect of microwave heating of fresh orange peels on the fruit tissue and quality of extraction pectin. *Carbohydrate Polymers*, 56, Elsevier, 2004, 181-185. SJR:0.839, ISI IF:1.71

Цитирана се в:

609. Lee, Y.S., Phang, L.-Y., Ahmad, S.A., Ooi, P.T. (2016) Microwave-Alkali Treatment of Chicken Feathers for Protein Hydrolysate Production. *Waste and Biomass Valorization*, 7 (5), pp. 1147-1157., @2016

610. Freitas de Oliveira, C., Giordani, D., Lutckemier, R., Gurak, P.D., Cladera-Olivera, F., Ferreira Marczak, L.D. (2016) Extraction of pectin from passion fruit peel assisted by ultrasound. *LWT - Food Science and Technology*, 71, pp. 110-115., @2016
611. Değirmencioglu, N., Gürbüz, O., Herken, E.N., Yildiz, A.Y. (2016) The impact of drying techniques on phenolic compound, total phenolic content and antioxidant capacity of oat flour tarhana. *Food Chemistry*, 194, pp. 587-594., @2016
612. Lee, C.S., Binner, E., Winkworth-Smith, C., John, R., Gomes, R., Robinson, J. (2016) Enhancing natural product extraction and mass transfer using selective microwave heating. *Chemical Engineering Science*, 149, pp. 97-103., @2016
613. Khodaei, N., Karboune, S., Orsat, V. (2016) Microwave-assisted alkaline extraction of galactan-rich rhamnogalacturonan I from potato cell wall by-product. *Food Chemistry*, 190, pp. 495-505. Cited 4 times., @2016
614. de Oliveira, C.F., Gurak, P.D., Cladera-Olivera, F., Marczak, L.D.F., Karwe, M. (2016) Combined Effect of High-Pressure and Conventional Heating on Pectin Extraction from Passion Fruit Peel. *Food and Bioprocess Technology*, 9 (6), pp. 1021-1030., @2016
615. Oliveira, T.Í.S., Zea-Redondo, L., Moates, G.K., Wellner, N., Cross, K., Waldron, K.W., Azeredo, H.M.C. (2016) Pomegranate peel pectin films as affected by montmorillonite. *Food Chemistry*, 198, pp. 107-112., @2016
616. Hosseini, S.S., Khodaiyan, F., Yarmand, M.S. (2016) Optimization of microwave assisted extraction of pectin from sour orange peel and its physicochemical properties. *Carbohydrate Polymers*, 140, pp. 59-65, @2016
617. Karboune, S., Khodaei, N. (2016) Structures, isolation and health-promoting properties of pectic polysaccharides from cell wall-rich food by-products: A source of functional ingredients. *Current Opinion in Food Science*, 8, pp. 50-55., @2016
618. Han, L., Suo, Y., Yang, Y., Meng, J., Hu, N. (2016) Optimization, characterization, and biological activity of polysaccharides from *Berberis dasystachya* Maxim. *International Journal of Biological Macromolecules*, 85, pp. 655-666., @2016
619. Negro, V., Mancini, G., Ruggeri, B., Fino, D. (2016) Citrus waste as feedstock for bio-based products recovery: Review on limonene case study and energy valorization. *Bioresource Technology*, 214, pp. 806-815., @2016
620. Hosseini, S.S., Khodaiyan, F., Yarmand, M.S. (2016) Aqueous extraction of pectin from sour orange peel and its preliminary physicochemical properties. *International Journal of Biological Macromolecules*, 82, pp. 920-926., @2016
621. Oliveira, C.F., Gurak, P.D., Cladera-Olivera, F., Marczak, L.D.F. (2016) Evaluation of physicochemical, technological and morphological characteristics of powdered yellow passion fruit peel. *International Food Research Journal*, 23 (4), pp. 1653-1662., @2016
622. Mato Chaín, R.B., Monzó-Cabrera, J., Solyom, K. (2016) Microwave-assisted plant extraction processes. *RSC Green Chemistry*, 2016-January (47), pp. 34-63., @2016
191. Stefanov, R., Angelova, M., Stefanova, T., Subev, M., **Dolashka, P.**, Voelter, W., Zachariev, Z.. Cu/Zn-superoxide dismutase from the fungal strain *Humicola lutea* 103 improves ram spermatozoa functions in vitro., *Andrologia*, 36, 2, 2004, ISSN:0303-456, DOI:2.904, 51-56. SJR:0.9, ISI IF:2.904

Цитирана се в:

623. Protective effects of *Opuntia ficus-indica* extract on ram sperm quality, lipid peroxidation and DNA fragmentation during liquid storage., @2016

192. Pavlova, K., Koleva, L., **Kratchanova, M.**, Panchev, I.. Production and characterization of an exopolysaccharide by yeast. World Journal of Microbiology and Biotechnology, 20, 4, Springer, 2004, ISSN:0959-3993, DOI:10.1023/B:WIBI.0000033068.45655.2a, 435-439. ISI IF:0.349

Цитирана се в:

624. Gientka, I., Bzducha-Wróbel, A., Stasiak-Róžańska, L., Bednarska, A.A., Błażej, S. (2016) The exopolysaccharides biosynthesis by *Candida* yeast depends on carbon sources. Electronic Journal of Biotechnology, 22, pp. 31-37., @2016
625. Han, M., Du, C., Xu, Z.-Y., Qian, H., Zhang, W.-G. (2016) Rheological properties of phosphorylated exopolysaccharide produced by *Sporidiobolus pararoseus* JD-2. International Journal of Biological Macromolecules, 88, pp. 603-613., @2016

193. Kolev, T., **Yancheva, D.**, Stoyanov, St.. Synthesis, Spectral and Structural Elucidation of Some Pyridinium Betaines of Squaric Acid – Potential Materials for Nonlinear Optical Applications. Adv. Funct. Mater., 14, 2004, 799-805. ISI IF:11.8

Цитирана се в:

626. Rathika, A., Prasad, L.G., Raman, R.G. Physicochemical properties of dimethylammonium p-nitrophenolate- p-nitrophenol: A nonlinear optical crystal, Physica B: Condensed Matter, 485, 29-34., @2016
627. Arunkumar, A., Mohankumar, V., Jagan, R., Ramasamy, P., Structure, growth and characterization of picolinium perchlorate single crystals, Optik, 127, 5466-5471., @2016
628. Li, T.-Y., Su, C., Akula, S.B., Sun, W.-G., Chien, H.-M., Li, W.-R., New Pyridinium Ylide Dyes for Dye Sensitized Solar Cell Applications, Org. Lett., 18 (14), pp. 3386-3389., @2016

194. Staneva, J., **Trendafilova-Savkova, A.**, **Todorova, M.N.**, Evstatieva, L., Vitkova, A.. Terpenoids from *Anthemis austriaca* Jacq.. Zeitschrift fur Naturforschung - Section C Journal of Biosciences, 59, 3-4, Verlag der Zeitschrift fur Naturforschung, 2004, ISSN:0939-5075, 161-165. ISI IF:0.68

Цитирана се в:

629. Jassbi, A.R., Firuzi, O., Miri, R., Salhei, S., Zare, S., Zare, M., Masroorbabanari, M., Chandran, J.N., Schneider, B., Baldwin, I.T. Cytotoxic activity and chemical constituents of *Anthemis mirheydari* (2016) Pharmaceutical Biology, 54 (10), pp. 2044-2049, @2016

195. **Doncheva, T.**, **Philipov, S.**, **Kostova, N.**. Alkaloids from *Datura stramonium* L.. 57, 5, 2004

Цитирана се в:

630. Śramska, P., Maciejka, A., Topolewska, A., Stepnowski, P., Haliński, Ł. P., Isolation of atropine and scopolamine from plant material using liquid-liquid extraction and EXtrelut® columns, Journal of Chromatography B, @2016

196. **Marinov, S.P.**, Tyuliev, G., **Stefanova, M.**, Carleer, R., Yperman, J.. Low rank coals sulphur functionality study by AP-TPR/TPO coupled with MS and potentiometric detection and by XPS. Fuel Processing Technology, 85, 4, Elsevier, 2004, ISSN:0378-3820, DOI:10.1016/S0378-3820(03)00201-7, 267-277. SJR:1.571, ISI IF:4.031

Цитирана се в:

631. Wang, Z., Li, Q., Lin, Z., Whiddon, R., Qiu, K., Kuang, M., Cen, K., Transformation of nitrogen and sulphur impurities during hydrothermal upgrading of low quality coals, Fuel, 164, (2016), pp. 254 – 261., @2016

632. R.Choudhury, U.Gupta, FB Waanders, BK Saikia, A multi-analytical study on the sulphur components in some high sulphur Indian Tertiary coals, Arabian Journal of Geosciences 9(2) · February 2016. , @2016
 633. Zhang, L., Li, Z. , Yang, Y, Zhou, Y., Kong, B., Li, J., Si, L., Effect of acid treatment on the characteristics and structures of high-sulfur bituminous coal , Fuel, 184, , pp. 418-429 (2016), @2016
 634. Ren, J., Tian, K., Jia, L. , Han, X., Zhao, M., Rapid Covalent Immobilization of Proteins by Phenol-Based Photochemical Cross-Linking, Bioconjugate Chemistry, V. 27, pp.2266-2270, (2016), @2016
 635. Zhang, L., Li, Z., Yang, Y., Zhou, Y., Li, J., Si, L., & Kong, B. (2016). Research on the Composition and Distribution of Organic Sulfur in Coal. Molecules, 21(5), 630, @2016
 636. Liu, J., Li, G.-Q., Chen, L., Wang, Y., Xu, Y., Qiao, X.-X., Zhang, Y.-F., Effects of atmospheric gas on pyrolysis characteristics of briquetted lignite and surface properties of semi-char, Fuel Processing Technology, 151, (2016), pp. 40 – 49, @2016
197. **Momchilova, Sv.,** Tsuji, K., Itabashi, Y., **Nikolova-Damyanova, B.,** Kuksis, A.. Resolution of triacylglycerol positional isomers by reversed-phase high-performance liquid chromatography. Journal of Separation Science, 27, WILEY-VCH, 2004, ISSN:1615-9314, DOI:10.1002/jssc.200401746, 1033-1036. SJR:0.847, ISI IF:2.737

Цумура се в:

637. Beccaria, M., Oteri, M., Micalizzi, G., Bonaccorsi, I.L., Purcaro, G., Dugo, P., Mondello, L., Reuse of Dairy Product: Evaluation of the Lipid Profile Evolution During and After Their Shelf-Life, Food Analytical Methods, 2016, Volume 9 (11), Pages 3143-3154, @2016
638. Řezanka, T., Pádřová, K., Sigler, K., Regioisomeric and enantiomeric analysis of triacylglycerols, Analytical Biochemistry, 2016 (in press, available online), @2016
639. Řezanka, T., Nedbalová, L., Sigler, K., Enantiomeric separation of triacylglycerols containing polyunsaturated fatty acids with 18 carbon atoms, Journal of Chromatography A, 2016, Volume 1467, Pages 261-269, @2016
640. Wang, X., Peng, Q., Li, P., Zhang Q., Ding, X., Zhang, W., Zhang, L., Identification of triacylglycerol using automated annotation of high resolution multistage mass spectral trees, Analytica Chimica Acta, 2016, Volume 940, Pages 84-91, @2016
641. Marshall, D.L., Pham, H.T., Bhujel, M., Chin, J.S.R., Yew, J.Y., Mori, K., Mitchell, T.W., Blanksby, S.J., Sequential collision- and ozone-induced dissociation enables assignment of relative acyl chain position in triacylglycerols, Analytical Chemistry, 2016, Volume 88 (5), Pages 2685-2692, @2016
642. M. Šala, M. Lísá, J.L. Campbell, M. Holčápek, Determination of triacylglycerol regioisomers using differential mobility spectrometry, Rapid Communications in Mass Spectrometry, 2016, Volume 30, Pages 256-264, @2016

198. **Spasova, M, Enchev, V.** Ab initio investigation of the structure and nonlinear optical properties of five-membered heterocycles containing sulfur. Chem. Phys., 298, Elsevier, 2004, ISSN:0301-0104, 29-36. ISI IF:1.696

Цумура се в:

643. A. Karakas, M. Karakaya, M. Taser, Y. Ceylan, A.K. Arof, Y. El Kouari, B. Sahraoui, Ionics, xxx (2016) xxx. DOI: 10.1007/s11581-016-1847-2, @2016
644. M. Karakaya, A. Karakas, M. Taser, N. Wolska, A.K. Arof, B. Sahraoui, Materials Today:

645. Y.-B. Lu, C.-H. Wang, H.-J. Du, Y.-Y. Niu, Inorg. Chim. Acta, 450 (2016) 154–161. DOI: 10.1016/j.ica.2016.05.039, @2016

646. A. H. Romero, E. Squitieri, Molec. Phys., 114 (15) (2016) 2232-2247. DOI: 10.1080/00268976.2016.1193243, @2016

199. **Todorova, MN**, Tsankova, ET, Mustakerova, EI. Spirodepressolide: An unusual bis-norsesquiterpene lactone from *Achillea depressa* Janka. Natural Product Research, 18, 5, Taylor & Francis, 2004, ISSN:1478-6427., 461-464. ISI IF:0.52

Цитупа се в:

647. Anti-inflammatory activity of highly oxygenated terpenoids from *Achillea biebersteinii* Afan, @2016

200. **Tsoncheva, T.**, Venkov, Tz., **Dimitrov, M.**, Minchev, C., Hadjiivanov, K.. Copper-modified mesoporous MCM-41 silica: FTIR and catalytic study. Journal of Molecular Catalysis A: Chemical, 209, 1-2, Elsevier, 2004, ISSN:1381-1169, DOI:doi:10.1016/j.molcata.2003.08.008, 125-134. SJR:1.02, ISI IF:3.62

Цитупа се в:

648. Zhao, H., Lin, M., Fang, K., Zhou, J., Sun, Y., Preparation and evaluation of Cu-Mn/Ca-Zr catalyst for methyl formate synthesis from syngas, @2016

649. Yousefi Amiri, T., Moghaddas, J., Rahmani Khajeh, S., Silica aerogel-supported copper catalyst prepared via ambient pressure drying process, @2016

650. Di, W., Cheng, J., Tian, S., Chen, J., Sun, Q., Synthesis and characterization of supported copper phyllosilicate catalysts for acetic ester hydrogenation to ethanol, @2016

651. Wang, S., Yin, S., Guo, W., Zhu, L., Wang, X., Influence of inlet gas composition on dimethyl ether carbonylation and the subsequent hydrogenation of methyl acetate in two-stage ethanol synthesis, @2016

201. **Mavrodinova, V.**, **Popova, M.**, Mihályi, M.R., Pál-Borbély, G., Minchev, C. Influence of the acidity modification on the reactions of toluene and ethyl benzene disproportionation. Effect of Lewis acidic InO⁺ species introduced into Y zeolite. Applied Catalysis A: General, 262, 1, Elsevier, 2004, ISSN:0926860X, DOI:10.1016/j.apcata.2003.11.009, 75-83. SJR:1.213, ISI IF:3.977

Цитупа се в:

652. Decolatti, H.P., Gioria, E.G., Ibarlín, S.N., Navascués, N., Irusta, S., Miró, E.E., Gutierrez, L.B., Exchanged lanthanum in InHMOR and its impact on the catalytic performance of InHMOR. Spectroscopic, volumetric and microscopic studies, 2016, Microporous and Mesoporous Materials, 222, pp. 9-22, @2016

653. Galadima, A., Muraza, O., A review on glycerol valorization to acrolein over solid acid catalysts, Journal of the Taiwan Institute of Chemical Engineers, 67, pp. 29-44., @2016

202. **Bakalova, S.M.**, Santos, A. G., Timcheva, I., **Kaneti, J.**, **Filipova, I.L.**, **Dobrikov, G.M.**, **Dimitrov, V.D.**. Electronic absorption and emission spectra and computational studies of some 2-aryl, 2-styryl, and 2-(4'-aryl)butadienyl quinazolin-4-one. Journal of Molecular Structure: THEOCHEM, 710, 1-3, Elsevier, 2004, ISSN:01661280, DOI:10.1016/j.theochem.2004.07.037, 229-234. SJR:0.443, ISI IF:1.36

Цитупа се в:

654. P. Shankaraiah, S. Veeresham, and A. K. D. Bhavani, Kumada Cross Coupling Reaction Based Synthesis, Antimicrobial and Computational Studies of 6-Aryl-2-phenyl-3-methylquinazolin-4(3H)-ones, Russian Journal of General Chemistry, 2016, volume 86, pages 368–375, DOI: 10.1134/S1070363216020286, @2016

655. S.H. Rosline Sebastian, Monirah A. Al-Alshaikh, Ali A. El-Emam, C. Yohannan Panicker, Jan Zitko, Martin Dolezal, C. VanAlsenoy, Spectroscopic, quantum chemical studies, Fukui functions, in vitro antiviral activity and molecular docking of 5-chloro-N-(3-nitrophenyl)pyrazine-2-carboxamide, Journal of Molecular Structure, Volume 1119, Pages 188–199, DOI: 10.1016/j.molstruc.2016.04.088, @2016

203. **Denkova, P. S.**, Tcholakova, S., Denkov, N. D., Danov, K. D., Campbell, B., Shawl, C., Kim, D.. Evaluation of the precision of drop-size determination in oil/water emulsions by low-resolution NMR spectroscopy. Langmuir, 20, 26, American Chemical Society, 2004, ISSN:1520-5827, DOI:10.1021/la048649v, 11402-11413. ISI IF:4.457

Цитупа ce в:

656. Wang, C., Fang, H., Gong, Q., Xu, Z., Liu, Z., Zhang, L., Zhang, L., Zhao, S. Roles of Catanionic Surfactant Mixtures on the Stability of Foams in the Presence of Oil. Energy and Fuels, 30 (8), 6355-6364, (2016)., @2016

657. Vermeir, L., Sabatino, P., Balcaen, M., Declerck, A., Dewettinck, K., Martins, J.C., Guthausen, G., Van der Meeren, P. Effect of molecular exchange on water droplet size analysis as determined by diffusion NMR: The W/O/W double emulsion case. Journal of Colloid and Interface Science, 475, 57-65, (2016)., @2016

658. Song, R., Song, Y.-Q., Vembusubramanian, M., Paulsen, J.L. The robust identification of exchange from T2-T2 time-domain features. Journal of Magnetic Resonance, 265, 164-171, (2016)., @2016

659. Vermeir, L., Sabatino, P., Balcaen, M., Declerck, A., Dewettinck, K., Martins, J.C., Van der Meeren, P. Effect of molecular exchange on water droplet size analysis in W/O emulsions as determined by diffusion NMR. Journal of Colloid and Interface Science, 463, 128-136, (2016)., @2016

204. **Markova, N., Enchev, V.** Water-assisted proton transfer in formamide, thioformamide and selenoformamide. Journal of Molecular Structure (THEOCHEM), 679, Elsevier, 2004, 195-205. ISI IF:1.545

Цитупа ce в:

660. Guzmán-Angel, D., Inostroza-Rivera, R., Gutiérrez-Oliva, S., Herrera, B., Toro-Labbé, A. Theoretical Chemistry Accounts, 2016, volume 3, pages 135, @2016

205. da Silva Cunha, I.B., Salomao, K., Shimizu, M., **Bamkova, V.S.**, Custodio, A. R., Lisboa de Castro, S., Marcucci, M. C.. Antitrypanosomal Activity of Brazilian Propolis from Apis mellifera.. Chrm. Pharm. Bulletin, 52, 5, 2004, ISSN:0009-2363, 602-602. ISI IF:1.07

Цитупа ce в:

661. Alday, E., M. Navarro-Navarro, A. Garibay-Escobar, R. Robles-Zepeda, J. Hernandez, C. Velazquez. In : Chambo, E.D. (Editor) "Beekeeping and Bee Conservation - Advances in Research", ISBN 978-953-51-2412-2, Print ISBN 978-953-51-2411-5, INTECH, 2016, @2016

206. Damianova S., Stoyanova A., **Konakchiev A.**, Djurdjev I.. Supercritical carbon dioxide extracts of spices. 2. Fennel (Foeniculum vulgare Mill. Var. Dulce Mill.). Journal of Essential Oil Bearing Plants,

Цитирана се е:

662. Bodsgard, B., Lien, N., Waulters, Q. 2016. Liquid CO₂ Extraction and NMR Characterization of Anethole from Fennel Seed: A General Chemistry Laboratory. Journal of Chemical Education 93(2): 397-400., @2016
207. Trusheva, B., Popova, M., Naydenski, H., Tsvetkova, I., Rodriguez, J. G., Bankova, V.. New Polyisoprenylated Benzophenones From Venezuelan Propolis. Fitoterapia, 75, 7-8, Elsevier, 2004, 683-689. ISI IF:1.042

Цитирана се е:

663. Freires, I. A., de Alencar, S. M., Rosalen, P. L. "A pharmacological perspective on the use of Brazilian Red Propolis and its isolated compounds against human diseases", European Journal of Medicinal Chemistry 110, 267–279 (2016)., @2016
664. Alday, E., Navarro-Navarro, M., Garibay-Escobar, A., Robles-Zepeda, R., Hernandez, J., Velazquez, C. "Advances in pharmacological activities and chemical composition of propolis produced in Americas", In Beekeeping and Bee Conservation - Advances in Research (book), E D Chambo (Ed.), InTech, Rijeka, Croatia, 2016, 99-151. ISBN: 978-953-51-2412-2., @2016
665. Duke, C. C., Tran, V. H., Duke, R. K., Abu-Mellal, A., Plunkett, G. T., King, D. I., Hamid, K., Wilson, K. L., Barrett, R. L., Bruhl, J. J. "A sedge plant as the source of Kangaroo Island propolis rich in prenylated p-coumarate ester and stilbenes", Phytochemistry, In Press, doi: 0.1016/j.phytochem.2016.11.005 (2016)., @2016
208. Dimitrova, R., Gunduz, G., Dimitrov, L., Tsoncheva, T., Yialmaz, S., Urquieta-Gonzalez, E.A.. Acidic sites in beta zeolites in dependence of the preparation methods. Journal of Molecular Catalysis A: Chemical, 214, Elsevier, 2004, 265-268. SJR:1.072, ISI IF:3.958

Цитирана се е:

666. Baran, R., Krafft, J.-M., Onfroy, T., Grzybek, T., Dzwigaj, S., Influence of the nature and environment of cobalt on the catalytic activity of Co-BEA zeolites in selective catalytic reduction of NO with ammonia, @2016
209. Fabian, W.M.F., Antonov, L., Nedeltcheva, D., Kamounah, F.S., Taylor, P.J.. Tautomerism in hydroxynaphthaldehyde anils and azo analogues: a combined experimental and computational study. Journal of Physical Chemistry, 108A, 37, 2004, DOI:10.1021/jp048035z, 7603-7612. ISI IF:2.693

Цитирана се е:

667. Levin, P.P., Zaichenko, N.L., Tatikolov, A.S., Shienok, A.I., Kol'tsova, L.S., Shcherbakova, I.M., Os'kina, O.Y., Mardaleishvili, I.R., Ait, A.O., Berlin, A.A., Kinetics of photochemical reactions of a new biphotochromic compound upon photolysis with light of different wavelengths, High Energy Chemistry, 2016, Volume 50, Pages 259-265, @2016
668. Adriano Junior, L., Fonseca, T.L., Castro, M.A, Solvent effects on the absorption spectrum and first hyperpolarizability of keto-enol tautomeric forms of anil derivatives: A Monte Carlo/quantum mechanics study, High Energy Chemistry, 2016, Volume 50, Pages 259-265, @2016
669. Tang, L. , Zou, Y., Zhong, K., Bian, Y., A novel benzothiazole-based enaminoone as a fluorescent probe for highly selective and sensitive detection of CN⁻, RSC Advances, 2016, Volume 6, Pages 48351-48356, @2016

670. Mahmudov, K.T., Pombeiro, A.J.L., Resonance-Assisted Hydrogen Bonding as a Driving Force in Synthesis and a Synthon in the Design of Materials, Chemistry - A European Journal, 2016, Volume 22, Pages 16356-16398, @2016

210. Kurteva, V., Afonso, C.. Solvent-free synthesis of melamines under microwave irradiation. Green Chemistry, 6, RSC, 2004, ISSN:1463-9262 (printed); 1463-9270 (electronic), DOI:10.1039/B313689B, 183-187. SJR:2.154, ISI IF:8.02

Цумура се в:

671. Ahmadi, A.; Khalili, M.; Samavat, S.; Shahbazi, E.; Nahri-Niknafs, B.; Synthesis and evaluation of the hypoglycemic and hypolipidemic activity of novel arylidene thiazolidinedione analogs on a type 2 diabetes model, Pharmaceutical Chemistry Journal 2016, 50, 165-171., @2016

211. Kolev T.M., Stamboliyska B.A., Yancheva D.Y., Enchev V.. Experimental and computational studies of the structure and vibrational spectra of 4-dimethylamino pyridinium-betaine of squaric acid. Journal of Molecular Structure, 691, Elsevier, 2004, ISSN:0022-2860, DOI:10.1016/j.molstruc.2003.12.033, 241-248. SJR:0.405

Цумура се в:

672. Korkmaz, U., Bulut, I., Bulut, A., Crystal structure of 2-ethyl-4-methyl-1-(2-oxido-3, 4-dioxocyclobut-1-en-1-yl)-1H-imidazol-3-ium, Acta Crystallographica Section E: Crystallographic Communications, 2016, 72(7), 998-1001., @2016

212. Manova, E., Tsoncheva, T., Paneva, D., Mitov, I., Tenchev, K., Petrov, L.. Mechanochemically synthesized nano-dimensional iron-cobalt spinel oxides as catalysts for methanol decomposition. Applied Catalysis A: General, 277, 1-2, Elsevier, 2004, ISSN:0926-860X, DOI:doi:10.1016/j.apcata.2004.09.002, 119-127. SJR:1.213, ISI IF:3.942

Цумура се в:

673. Vijayaraghavan, T., Suriyaraj, S.P., Selvakumar, R., Venkateswaran, R., Ashok, A., Rapid and efficient visible light photocatalytic dye degradation using AFe₂O₄ (A = Ba, Ca and Sr) complex oxides, @2016

674. MacHocki, A., Ioannides, T., Papadopoulou, E., Banach, B., Hydrogen-rich gas generation from alcohols over cobalt-based catalysts for fuel cell feeding, @2016

675. Liu, S., He, F., Huang, Z., Wu, H., Glarborg, P., Screening of NiFe₂O₄ Nanoparticles as Oxygen Carrier in Chemical Looping Hydrogen Production, @2016

676. Karami, H., Bigdeli, Z., Matini, S., Pulsed galvanostatic synthesis of zinc oxide nanostructures, @2016

677. Al-Fatesh, A.S., Amin, A., Ibrahim, A.A., Al-Otaibi, R.L., Fakeeha, A.H., Effect of Ce and Co addition to Fe/Al₂O₃ for catalytic methane decomposition, @2016

213. Paneva, D., Tsoncheva, T., Manova, E., Mitov, I., Ruskov, T.. Phase composition and catalytic properties in methanol decomposition of iron-ruthenium modified activated carbon. Applied Catalysis A: General, 267, Elsevier, 2004, 67-75. SJR:1.234, ISI IF:4.012

Цумура се в:

678. Banik, S., Mahajan, A., Chowdhury, S.R., Bhattacharya, S.K., Improved and synergistic catalysis of single-pot-synthesized Pt-Ni alloy nanoparticles for anodic oxidation of methanol in alkali, @2016

- 214. Popova, M., Bankova, V., Butovska, D.,** Petkov, V., Nikolova-Damyanova, B., Sabatini, A.G., Marcazzan, G.L., Bogdanov, S.. Validated methods for the quantification of biologically active constituents of poplar-type propolis. *Phytochemical Analysis*, 15, 2004, 235-240. ISI IF:1.385

Цумура се в:

- 679.** Auamcharoen, W., Phankaew, C. Antibacterial activity and phenolic content of propolis from four different areas of Thailand. *International Journal of Pharmaceutical Sciences Review and Research* 37 (1), 14, 77-82, 2016., @2016
- 680.** Veloz, J.J., Saavedra, N., Alvear, M., Zambrano, T., Barrientos, L., Salazar, L.A. Polyphenol-rich extract from propolis reduces the expression and activity of *Streptococcus mutans* glucosyltransferases at subinhibitory concentrations. *BioMed Research International* Volume 2016, 2016, Article number 4302706., @2016
- 681.** Stan, T., Măruțescu, L., Chifiriuc, M.C., Lazăr, V. Anti-pathogenic effect of propolis extracts from different Romanian regions on *Staphylococcus* Sp. Clinical strains. *Romanian Biotechnological Letters* 21 (1), 11166-11175, 2016., @2016
- 682.** Fiordalisi, S.A.L., Honorato, L.A., Loiko, M.R., Avancini, C.A.M., Veleirinho, M.B.R., Filho, L.C.P.M., Kuhnen, S. The effects of Brazilian propolis on etiological agents of mastitis and the viability of bovine mammary gland explants. *Journal of Dairy Science* 99(3), 2308-2318, 2016., @2016
- 683.** Ruiz, V.E., Interdonato, R., Cerioni, L., Albornoz, P., Ramallo, J., Prado, F.E., Hilal, M., Rapisarda, V.A. Short-term UV-B exposure induces metabolic and anatomical changes in peel of harvested lemons contributing in fruit protection against green mold. *Journal of Photochemistry and Photobiology B: Biology* 159, 59-65, 2016., @2016
- 684.** Bartira da Silva, M., L.F.O. Sobreira Rodrigues, T.C. Rossi, M.C. de Souza Vieira, I.O. Minatel, G.P. Pereira Lima. *Afr. J. Biotechnol.* 15(6), 125-133 (2016)., @2016
- 685.** Bucchini, A., V. Scoccianti, D. Ricci, L. Giamperi. *CyTA - Journal of Food*, DOI: 10.1080/19476337.2016.1147084 (2016)., @2016
- 686.** Bahloul, N., S. Bellili, S. Aazza, A. Chérif, M.L. Faleiro, M.D. Antunes, M.G. Miguel, W. Mnif. *Antioxidants*, 5(2), 12; (2016) doi:10.3390/antiox5020012., @2016
- 687.** Nugrahenia, Z.V., Y. Zetra, A.M. Trianita, M.Y. Syahputra, A.R. Firmany. *AIP Conf. Proc.* 1729, 020053 (2016)., @2016
- 688.** Karalija, E., D. Neimarlija, J. Cakar, A. Paric. *European Journal of Medicinal Plants* 14(4), (2016). DOI: 10.9734/EJMP/2016/26121, @2016
- 689.** El-Guendouz, S., S. Aazza, B. Lyoussi, M.D. Antunes, M.L. Faleiro, M.G. Miguel. *International Journal of Food Science & Technology* DOI: 10.1111/ijfs.13133 (2016)., @2016
- 690.** Aichi-Yousfi, H., E. Meddeb, W. Rouissi, L. Hamrouni, S. Rouz, M.N. Rejeb, Z. Ghrabi-Gammar. *Industrial Crops and Products* 92, 218-226 (2016)., @2016
- 691.** Somensi Zeggio, A.R. PhD Thesis, Universidade Federal de Santa Catarina, Florianópolis, 2016., @2016
- 692.** Nunes, K. de N.M. Tese apresentada à Faculdade de Ciências Agronômicas da UNESP-Campus de Botucatu, para obtenção do título de Doutora. Botucatu, 2016., @2016
- 215.** Sawaya, A.C., Tomazela, D.M., Cunha, I.B., **Bankova, V. S.,** Marcucci, M.C., Custodio. A.R., Eberlin, M.N.. Electrospray ionization mass spectrometry fingerprinting of propolis.. *Analyst*, 129, 8, 2004, 739-744. ISI IF:2.783

Цитира се в:

693. Çifçi, D.I., T. Tunçal, A. Pala, O. Uslu. Journal of Photochemistry and Photobiology A: Chemistry, 322-323, 102-109, @2016
694. Tazawa, S., Y. Arai, S. Hotta, T. Mitsui, H. Nozaki, K. Ichihara. Natural Product Communications 11(2), 201-205, @2016
695. Alday, E., M. Navarro-Navarro, A. Garibay-Escobar, R. Robles-Zepeda, J. Hernandez, C. Velazquez. In : Chambo, E.D. (Editor) "Beekeeping and Bee Conservation - Advances in Research", ISBN 978-953-51-2412-2, Print ISBN 978-953-51-2411-5, INTECH, 2016, @2016

216. **Kaneti, J.**, Kirby, A., Koedjikov, A., **Pojarlieff, I.** Thorpe-Ingold effects in cyclizations to five-membered and six-membered rings containing planar segments. The rearrangement of N(1)-alkyl-substituted dihydroorotic acids to hydantoinacetic acids in base. Organic and Biomolecular Chemistry, 2, RSC, 2004, ISSN:1477-0520 (printed); 1477-0539 (electronic), DOI:10.1039/B400248B, 1098-1103. SJR:1.227, ISI IF:3.562

Цитира се в:

696. Montaña, Á.M., Barcia, J.A., Grima, P.M., Kociok-Köhn, G., Tetrahedron, (43) , 2016, 6794-6806. New methodology for the synthesis of tetrahydrofuro[3, 2-b]furan-2(3H)-one derivatives, synthons of natural products with biological interest, @2016
697. Pastoriza, C., Antelo, J.M., Amoedo, F.A., ParajÁ, M., J. Phys. Org. Chem., 29, 2016, 382-393. N-Chlorination rate of five-membered heterocyclic nitrogen compounds, @2016

217. **Gancheva, M.**, Ivanov, I., Galunsky, B., Stambolieva, N., Kaneti J.. Kinetic studies and molecular modeling attribute a crucial role in the specificity and stereoselectivity of penicillin acylase to the pair ArgA145-ArgB263.. European Journal of Biochemistry, 271, Wiley, 2004, ISSN:1742-4658, 2272-2279. SJR:1.704, ISI IF:3.255

Цитира се в:

698. V. S.Avinash, A. V. Pundle, S. Ramasamy, Ch. G. Suresh Penicillin acylases revisited: importance beyond their industrial utility Critical Reviews in Biotechnology, (2016) 36 (2) 303-316., @2016

218. **Popova, M., Bankova, V.**, Naydenski, H., Tsvetkova, I., Kujumgiev, A.. Comparative study of the biological activity of propolis from different geographic origin: a statistical approach. Macedonian Pharmaceutical Bulletin, 50, 2004, 9-14

Цитира се в:

699. Gabunia, K. Optical Density and Antimicrobial Characteristics of Georgian Propolis. Journal of Pharmacy and Pharmacology 4 (2016) 146-150 doi: 10.17265/2328-2150/2016.03.006., @2016

2005

219. Abrashev, I., Dulguerova, G., **Dolashka-Angelova, P.**, Voelter, W.. Purification and characterization of a novel sialidase from a strain Arthrobacter nicotianae. Journal of Biochemistry, 137, 3, 2005, ISSN:0021924X, 365-371. SJR:1.337, ISI IF:2.403

Цитира се в:

700. Ecology of aspergillosis: insights into the pathogenic potency of Aspergillus fumigatus and
- page 66/240

some other *Aspergillus* species., @2016

220. **Bankova, V.** Recent trends and important developments in propolis research.. Evidence Based Complementary and Alternative medicine (eCAM), 2, 1, 2005, 29-32

Цумура се е:

701. Wang, X, Rayalam S., Bhawe V. In: Asea, A.A.A., Calderwood, S.K., Kaur, P. (Eds.), Heat Shock Proteins and Plants, Springer, 2016*, ISBN 978-3-319-46339-1., @2016
702. Taddeo, V.A., S. Fiorito, F. Epifano, S. Genovese.. *Planta Med*; 81(S 01): S1-S381 DOI: 10.1055/s-0036-1596820, @2016
703. Aksoy, L., A. Büyükben, Ö. Hazman. *Pak. J. Anal. Environ. Chem.* 17(2), 134 – 142, @2016
704. Abd El-Hady, F.K., A.M.A. Souleman, I.G. Ibrahim³, M.S. Abdel-Aziz, Z.A El-Shahid, E.A. Ali, M.S.A. Elsarrag. *Der Pharmacia Lettre*, 8(19), 339-350, @2016
705. De Souza, E.A. PhD Thesis, UNIVERSIDADE ESTADUAL PAULISTA, FACULDADE DE MEDICINA VETERINÁRIA E ZOOTECNIA, CÂMPUS DE BOTUCATU. Botucatu - SP, 2016, @2016
706. Li, A., H. Xuan, A. Sun, R. Liu, J. Cui, *Journal of Chromatography B*, 102, 42 – 49, @2016
707. Porcari, A.M., G.D. Fernandes, D. Barrera-Arellano, M.N. Eberlin, R.M. Alberici. *Analyst* 141, 1172-1184 DOI: 10.1039/c5an01415h, @2016
708. de Paula, E.M., R.B. Samensari, E. Machado, L.M. Pereira, F.J. Maia, E.H. Yoshimura, R. Franzolin, A.P. Faciola and L.M. Zeoula. *Livestock Science*, 185 , 136 - 141, @2016
709. Roberto, M.M., S.T. Matsumoto, C.M. Jamal, O. Malaspina, M.A. Marin-Morales, *Toxicology in Vitro*, 33, 9-15, @2016
710. Milojković Opsenica, D., P. Ristivojević, J. Trifković, I. Vovk, D. Lušić, Ž. Tešić. *J Chromatogr Sci* first published online February 29, 2016, doi:10.1093/chromsci/bmw024, @2016
711. Saavedra, N., A. Cuevas, M.F. Cavalcante, F.A. Dörr, K. Saavedra, T. Zambrano, D.S.P. Abdalla, L.A. Salazar. *BIoMed Research International* Volume 2016, Article ID 6505383, 8 pages, @2016
712. Quita, S.M. *Life Sci J* 13(3), 43-50, @2016
713. Deswal, H. *Innov J Ayurvedic Sci* 4(1), 1-4, @2016
714. ARAUJO-RUFINO, C., J. FERNANDES-VIEIRA, P. MARTÍN-RAMOS, I. SILVA-CASTRO, M. FERNANDES-CÔRREA, P.M. MATEI, M. SÁNCHEZ-BÁSCONES, M. C. AMOS-SÁNCHEZ, J. MARTÍN-GIL. *Journal of Materials Science and Engineering with Advanced Technology* 13(1), 29-52, @2016
715. Shibata, T., S. Shibata, N. Shibata, E. Kiyokawa, H. Sasaki, D.P. Singh, E. Kubo. *Journal of Ophthalmology* Volume 2016, Article ID 1917093, 6 pages, @2016
716. Alday, E., M. Navarro-Navarro, A. Garibay-Escobar, R. Robles-Zepeda, J. Hernandez, C. Velazquez. In : Chambo, E.D. (Editor) "Beekeeping and Bee Conservation - Advances in Research", ISBN 978-953-51-2412-2, Print ISBN 978-953-51-2411-5, INTECH, 2016, @2016
717. Abd El-Hady, F.K., Souleman, A.M.A., El Hawary, S., Salah, N.M., El-Shahid, Z.A. *International Journal of Pharmaceutical Sciences Review and Research*, 38(1), art. no. 21, 120-129, @2016
718. Mantuanelli Roberto, M., C. Masrouah Jamal, O. Malaspina, M.A. Marin-Morales. *Genetics*

and Molecular Biology, 39(2), 257-269, @2016

719. Saddiq, A.A., A.M. Mohamed. Pak. J. Pharm. Sci. 29(4), 1197-1207, @2016
720. Çelemlı, Ö.G., İ.K. Temizer, G. Zare, K. Sorkun. Hacettepe J. Biol. & Chem. 44(1), 7–14, @2016
721. Zagmutt, S., Leiva, E., Mujica, V., Wehinger, S. Journal of Food and Nutrition Research, 4(6), 400-407, @2016
722. Ristivojević, P.M., Morlock, G.E. JPC - Journal of Planar Chromatography - Modern TLC 29(4), 316 – 317. DOI: 10.1556/1006.2016.29.4.10, @2016
723. Numonov, S., M. Bakri, K. Bobakulov, M.N. Qureshi, F. Sharopov, A. Dustov, H. Zhao, H. Akber. American Journal of Essential Oils and Natural Products; 4(2), 12-16, @2016
724. Alić, B., N. Begić, L. Spiljak, E. Velagić-Habul, E. Sarić, D. Ramić. Works of the Faculty of Agriculture and Food Sciences, University of Sarajevo 66(1), 94 – 98, @2016
725. Tobaldini-Valerio, F.K., P.S. Bonfim-Mendonça, H.C. Rosseto, M.L. Bruschi, M. Henriques, M. Negri, S. Silva, T.I.E. Svidzinski. Future Microbiol. 11(8), 1035 – 1046, @2016
726. Sforcin, J.M. Phytother. Res. 30, 894–905, @2016
727. Chasset, T., T.T. Häbe, P. Ristivojevic, G.E. Morlock. Journal of Chromatography A, 1465, 197 - 204, @2016
728. Santiago, K.B., B.J. Conti, E. de Oliveira Cardoso, M. de Assis Golim, J.M. Sforcin. Pathogens and Disease 74(8), pii: ftw081, @2016
729. Shashikala A, Harini B.P, M.S Reddy. World Journal of Pharmaceutical Sciences; 4(5), 230-233, @2016
730. Adeyemo, S.M., F.T. Afolabi, E.D. Ogunlusi. International Journal of Probiotics and Prebiotics 11(2), 85-98, @2016
731. Boufadi, Y.M., J. Soubhye, J. Neve, P. Van Antwerpen, A.Riazi. International Journal of Food Science and Technology 2016*, doi:10.1111/ijfs.13247, @2016
732. Silva J.B., Costa K.M.F.M., Coelho W.A.C., Paiva K.A.R., Costa G.A.V., Salatino A., Freitas C.I.A., Batista J.S. Pesquisa Veterinária Brasileira 36(9), 874-880, @2016
733. Al Naggar, Y., J. Sun, A. Robertson, J.P. Giesy, S. Wiseman. Journal of Apicultural Research, 55(4), 305-314, @2016
221. **Stefanova, Maya**, Markova, Kalinka, **Marinov, Stefan**, Simoneit , B.R.T.. Molecular indicators for coal-forming vegetation paleo-communities of the miocene Chukurovo lignite,Bulgaria. Fuel, 84, Elsevier, 2005, ISSN:0016-2361, DOI:doi:10.1016/G.Fuel.2005.04.009, 1830-1838. ISI IF:3.019

Цитира се в:

734. Zetra, Y., I.B. Soszowidjojo, R.Y. Barhan (2016) “Aromatic biomarkers from Brown coal, East Borneo of Midle Miocene to Late Miocene Age” Jurnal Teknologi, v. 78(6) 229-238., @2016
735. M.Rybicki, L.Marynowski, M.Misz-Kennan, BRT Simoneit, Molecular tracers preserved in Lower Jurassic “Blanowice brown coals” from southern Poland at the onset of coalification: Organic geochemical and petrological characteristics, Organic Geochemistry, October 2016., @2016
736. Rundić, L. , Vasić, N. , Životić, D., Bechtel, A. , Knežević, S. , Cvetkov, V., The Pliocene Paludina lake of Pannonian Basin: New evidence from northern Serbia, Annales Societatis Geologorum Poloniae, V.86, pp. 185-209, (2016), @2016

737. Li, Z.-K., Wei, X.-Y. , Yan, H.-L., Yu, X.-Y., Zong, Z.-M , Characterization of soluble portions from thermal dissolution of Zhaotong lignite in cyclohexane and methanol, Fuel Processing Technology, Vol.151, pp. 131-138, (2016), @2016
738. Leoš Doskočil , Vojtěch Enev, Miloslav Pekař, Jaromír Wasserbauer , The spectrometric characterization of lipids extracted from lignite samples from various coal basins, Organic Geochemistry, Volume 95, May 2016, Pages 34–40., @2016

222. **Simova, S.**, Berger, S.. Diffusion measurements vs. chemical shift titration for determination of association constants on the example of camphor-cyclodextrin complexes. Journal of Inclusion Phenomena and macrocyclic chemistry, 53, 3, Springer, 2005, ISSN:1388-3127, DOI:10.1007/s10847-005-2631-5, 163-170. ISI IF:1.253

Цитира се в:

739. Claridge, T. D. W., High-Resolution NMR Techniques in Organic Chemistry. 3rd ed.; Elsevier Science, @2016
740. Diez, A., Lalinde, E., Moreno, M. T., Ruiz, S., Structural and Photophysical Study on Alkynyl Cyclometalated Pt2Pb2 and Pt2Pb Clusters, Organometallics, 35(11), pp. 1735-1746., @2016
741. Zhao, R., Sandstrom, C., Zhang, H. Y., Tan, T. W., NMR Study on the Inclusion Complexes of beta-Cyclodextrin with Isoflavones, Molecules, 21(4), 372, @2016

223. **Mantareva V.**, Petrova D., Avramov L., **Angelov I.**, Borisova E., Peeva M., Wöhrle D.. Long wavelength absorbing cationic Zn(II)-phthalocyanines as fluorescent contrast agents for B16 pigmented melanoma. J. Porphyrins Phthalocyanines, 9, 1, World Scientific, 2005, ISSN:Print ISSN: 1088-4246; Online ISSN: 1099-1409, DOI:DOI: http://dx.doi.org/10.1142/S_45. ISI IF:1.087

Цитира се в:

742. Francesca Bryden , Ross W. Boyle. 2016. Metalloporphyrins for Medical Imaging Applications. Insights from Imaging in Bioinorganic Chemistry, 141-221 : <http://www.worldscientific.com/doi/abs/10.1142/S1088424605000095> doi:10.1016/bs.adioch.2015.09.003, @2016

224. **Dolashka-Angelova, P.**, **Dolashki, A.**, Stevanovic, S., Hristova, R., Atanasov, B., Nicolov, P., Voelter, W.. Structure and stability of arthropodan hemocyanin Limulus polyphemus. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 61, 6, 2005, ISSN:13861425, 1207-1217. SJR:0.595, ISI IF:1.188

Цитира се в:

743. Thermal denaturation and protein stability analysis of Haliotis rubra hemocyanin. Journal of Thermal Analysis and Calorimetry., @2016
744. Cation metals specific hemocyanin exhibits differential antibacterial property in mud crab, Scylla serrata., @2016
745. Extraordinary stability of hemocyanins from L. polyphemus and E. californicum studied using infrared spectroscopy from 294 to 20 K., @2016

225. **Stefanova, M.**, Markova, K., **Marinov, S.P.**, Simoneit, B.R.T.. Biomarkers in the fossils from the Miocene-aged Chukurovo lignite, Bulgaria: sesqui- and diterpenoids. Bulletin of Geosciences Czech Geological Survey, 80, 2005, 93-97

Цитира се в:

746. Danica Mitrović , Nataša Đoković , Dragana Životić , Achim Bechtel , Aleksandra Šajnović , page 69/240

226. Gielens, C., **Idakieva, K.**, Van den Bergh, V., Siddiqui, N.I., Parvanova, K., Compennolle, F.. Mass spectral evidence for N-glycans with branching on fucose in a molluscan hemocyanin. BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, 331, ACADEMIC PRESS INC ELSEVIER SCIENCE, 525 B ST, STE 1900, SAN DIEGO, CA 92101-4495 USA, 2005, 562-570. ISI IF:3

Цитира се в:

747. Eckmair, B., Ch. Jin, D. Abed-Navandi, K. Paschinger, Molecular and Cellular Proteomics, 15 (2), 573-597, @2016

227. Kolev, T.M., **Velcheva, E.A.**, **Stamboliyska, B. A.**, Spiteller, M.. DFT and experimental studies of the structure and vibrational spectra of curcumin. International Journal of Quantum Chemistry, 102, John Wiley and Sons Inc., 2005, ISSN:0020-7608, DOI:10.1002/qua.20469, 1069-1079. SJR:0.483

Цитира се в:

748. Hu, S., Wang, T., Fernandez, M.L., Luo, Y. Development of tannic acid cross-linked hollow zein nanoparticles as potential oral delivery vehicles for curcumin (2016) Food Hydrocolloids, 61, pp. 821-831., @2016
749. Van Nong, H., Hung, L.X., Thang, P.N., Chinh, V.D., Vu, L.V., Dung, P.T., Van Trung, T., Nga, P.T. Fabrication and vibration characterization of curcumin extracted from turmeric (*Curcuma longa*) rhizomes of the northern Vietnam (2016) SpringerPlus, 5 (1), art. no. 1147, ., @2016
750. Slabber, C.A., Grimmer, C.D., Robinson, R.S. Solution Conformations of Curcumin in DMSO (2016) Journal of Natural Products, 79 (10), pp. 2726-2730., @2016
751. Yilmaz, A., Bozkurt, F., Cicek, P.K., Dertli, E., Durak, M.Z., Yilmaz, M.T. A novel antifungal surface-coating application to limit postharvest decay on coated apples: Molecular, thermal and morphological properties of electrospun zein–nanofiber mats loaded with curcumin (2016) Innovative Food Science and Emerging Technologies, 37, pp. 74-83., @2016
752. Smruthi, G., Mahadevan, V., Sahayam, S., Rajalakshmi, P., Vadivel, V., Brindha, P. Anti-diabetic potential of selected Indian traditional medicinal plants – An updated review (2016) Journal of Pharmaceutical Sciences and Research, 8 (10), pp. 1144-1158., @2016
753. Delarmelina, M., Ferreira, G.B., Ferreira, V.F., de M. Carneiro, J.W. Vibrational spectroscopy of lapachol, α - and β -lapachone: Theoretical and experimental elucidation of the Raman and infrared spectra (2016) Vibrational Spectroscopy, 86, pp. 311-323., @2016
754. Anjomshoa, S., Namazian, M., Noorbala, M.R. The Effect of Solvent on Tautomerism, Acidity and Radical Stability of Curcumin and Its Derivatives Based on Thermodynamic Quantities (2016) Journal of Solution Chemistry, 45 (7), pp. 1021-1030, @2016
755. Moussawi, R.N., Patra, D. Nanoparticle Self-Assembled Grain Like Curcumin Conjugated ZnO: Curcumin Conjugation Enhances Removal of Perylene, Fluoranthene, and Chrysene by ZnO (2016) Scientific Reports, 6, art. no. 24565, @2016
756. Gorgannezhad, L., Dehghan, G., Ebrahimipour, S.Y., Naseri, A., Nazhad Dolatabadi, J.E. Complex of manganese (II) with curcumin: Spectroscopic characterization, DFT study, model-based analysis and antiradical activity (2016) Journal of Molecular Structure, 1109, pp. 139-145., @2016
757. Ravanan, S., Arockia Sahayaraj, P., Angelin Prema, A. Fabrication and anti-cancer activity of natural ingredient/extract loaded polycaprolactone (PCL) nanofibres enhanced by plasma

treatment (2016) *Nanoscience and Nanotechnology Letters*, 8 (4), pp. 348-354, @2016

758. Akl, M.A., Kartal-Hodzic, A., Oksanen, T., Ismael, H.R., Afouna, M.M., Yliperttula, M., Samy, A.M., Viitala, T. Factorial design formulation optimization and in vitro characterization of curcumin-loaded PLGA nanoparticles for colon delivery (2016) *Journal of Drug Delivery Science and Technology*, 32, pp. 10-20., @2016
759. Paunovic, V., Ristic, B., Markovic, Z., Todorovic-Markovic, B., Kosic, M., Prekodravac, J., Kravic-Stevovic, T., Martinovic, T., Micusik, M., Spitalsky, Z., Trajkovic, V., Harhaji-Trajkovic, L. c-Jun N-terminal kinase-dependent apoptotic photocytotoxicity of solvent exchange-prepared curcumin nanoparticles (2016) *Biomedical Microdevices*, 18 (2), art. no. 37, @2016
760. Loo, C.-Y., Rohanizadeh, R., Young, P.M., Traini, D., Cavaliere, R., Whitchurch, C.B., Lee, W.-H. Combination of Silver Nanoparticles and Curcumin Nanoparticles for Enhanced Antibiofilm Activities (2016) *Journal of Agricultural and Food Chemistry*, 64 (12), pp. 2513-2522., @2016
761. Das, K.K., Razzaghi-Asl, N., Tikare, S.N., Di Santo, R., Costi, R., Messori, A., Pescatori, L., Crucitti, G.C., Jargar, J.G., Dhundasi, S.A., Saso, L. Hypoglycemic activity of curcumin synthetic analogues in alloxan-induced diabetic rats (2016) *Journal of Enzyme Inhibition and Medicinal Chemistry*, 31 (1), pp. 99-105, @2016
762. Li, Z., Yan, J., Yin, Y., Zhang, Z., Wang, Z., Xu, D., Sun, X. A Fluorescent Chemosensor for Al³⁺ Based on C=O Isomerization Derived from Curcumin (2016) *Chinese Journal of Chemistry*, 34 (7), pp. 657-661, @2016
763. Moussawi, R.N., Patra, D. Modification of nanostructured ZnO surfaces with curcumin: Fluorescence-based sensing for arsenic and improving arsenic removal by ZnO (2016) *RSC Advances*, 6 (21), pp. 17256-17268, @2016
764. De Souza Tavares, W., Akhtar, Y., Gonçalves, G. L. P., Zanuncio, J. C., & Isman, M. B. (2016). Turmeric powder and its derivatives from *Curcuma longa* rhizomes: Insecticidal effects on cabbage looper and the role of synergists. *Scientific Reports*, 6, 34093., @2016
765. Woodman, K.G.; Coles, C.A.; Lamandé, S.R.; White, J.D. Nutraceuticals and Their Potential to Treat Duchenne Muscular Dystrophy: Separating the Credible from the Conjecture. *Nutrients* 2016, 8, 713., @2016
766. Ragu, S., Chen, S.M., Ranganathan, P. and Rwei, S.P., 2016. Fabrication of a Novel Nickel-Curcumin/Graphene Oxide Nanocomposites for Superior Electrocatalytic Activity toward the Detection of Toxic p-nitrophenol. *Int. J. Electrochem. Sci*, 11, pp.9133-9144., @2016
767. Alkhader, E., Billa, N. and Roberts, C.J., 2016. Mucoadhesive Chitosan-Pectinate Nanoparticles for the Delivery of Curcumin to the Colon. *AAPS PharmSciTech*, pp.1-10., @2016
768. Farghali, A.A., Swiderska-Sroda, A., Lojkowski, W., Razin, A.F.M., Khedr, M.H. and AbouAitah, K.E., 2016. pH-controlled Release System for Curcumin based on Functionalized Dendritic Mesoporous Silica Nanoparticles. *Journal of Nanomedicine & Nanotechnology*, 2016., @2016
769. Bonab, M.I., Sardroodi, J.J., Ebrahimzadeh, A.R. and Mehrnejad, F., 2016. A computational study of the electronic structure and the chemical activity of curcumin and some novel curcuminoids by density functional theory. *Journal of the Iranian Chemical Society*, pp.1-8., @2016
770. Elsayed, A.S.I., 2016. The curcumin as an antioxidant natural herb, with emphasize on its effects against some diseases. *International Journal of Applied Biology and Pharmaceutical Technology*, 7, pp.26-40., @2016

771. Purwanti, S., Zuprizal, Z., Yuwanta, T. and Soepadmo, S., 2016. Phytobiotic Utilization as Feed Additive in Feed for Pancreatic Enzyme Activity of Broiler Chicken. ANIMAL PRODUCTION, 17(3), pp.154-160., @2016
772. Suzuki, I.L., 2016. Viabilização da curcumina natural nanoencapsulada para inativação fotodinâmica (Doctoral dissertation, Universidade de São Paulo)., @2016
773. Drakalska, E., Momekova, D., Rangelov, S. and Lambov, N., 2016. Preparation of curcumin loaded nanoparticles: physicochemical characterization and in vitro evaluation. Macedonian pharmaceutical bulletin, pp.383-385., @2016
774. Aradhana, N. "Development of analytical methods for the assay of antioxidants in food and medicinal samples." (2016). University of Mysore, @2016
775. Ravanian S, Arockia Sahayaraj P. Bioinspired Nanofibres with Potent Anti-Oxidant and Antimicrobial Activity. Advanced Science, Engineering and Medicine. 2016 Dec 1;8(12):974-80., @2016
776. Ray A. , S. Rana , D. Banerjee , A. Mitra , R. Datta , S. Naskar , S. Sarkar, Improved bioavailability of targeted Curcumin delivery efficiently regressed cardiac hypertrophy by modulating apoptotic load within cardiac microenvironment, Toxicol and Appl Pharmacol., 290 (2016) 54–65, @2016

228. **Enchev, V., Markova, N., Angelova, S.** Ab initio study of 2,4-substituted azolidines. II. Amino-imino tautomerism of 2-amino-thiazolidine-4-one and 4-amino-thiazolidine-2-one in water solution. The Journal of Physical Chemistry A, 109, ACS Publications, 2005, ISSN:1089-5639, DOI:10.1021/jp052560w, 8904-8913. ISI IF:2.898

Цитира се в:

777. Almodovar I., Rezende M.C., Cassels B.K., García-Arriagada M., Theoretical insights into the regioselectivity of a Pictet-Spengler reaction: Transition state structures leading to salsolinol and isosalsolinol, J. Phys. Org. Chem. 2016; 1–6, in press DOI: 10.1002/poc.3666, @2016

229. Abrashev, R., **Dolashka-Angelova, P.**, Hristova, R., Stefanova, L., Angelova, M.. Role of antioxidant enzymes in survival of conidiospores of *Aspergillus niger* 26 under conditions of temperature stress. Journal of Applied Microbiology, 99, 4, 2005, ISSN:13645072, 902-909. SJR:0.831, ISI IF:2.127

Цитира се в:

778. Biologically Synthesized Gold Nanoparticles Ameliorate Cold and Heat Stress-Induced Oxidative Stress in *Escherichia coli* Molecule, @2016

230. **Mavrodinova, V., Popova, M.** Selective p-xylene formation upon toluene disproportionation over MCM-22 and ZSM-5 zeolites modified with indium. Catalysis Communications, 6, 4, Elsevier, 2005, ISSN:1566-7367, DOI:10.1016/j.catcom.2005.02.004, 247-252. SJR:1.08, ISI IF:3.699

Цитира се в:

779. Huang, L., Wang, P., Li, J., Wang, J., Fan, W. , Effect of acid leaching and catalytic properties of zeolite [Al, B]-MWW utilized as ethene methylation catalyst, Microporous and Mesoporous Materials, 223, pp. 230-240, @2016, @2016
780. Xu, X., Jiang, E., Du, Y., Li, B., BTX from the gas-phase hydrodeoxygenation and transmethylation of guaiacol at room pressure, Renewable Energy, 96, pp. 458-468, @2016, @2016

231. **Markova, N., Enchev, V., Timtcheva, I.** Oxo-Hydroxy Tautomerism of 5-Fluorouracil: Water-Assisted

Цитира се в:

781. Wu, X., He, C., Wu, Y., Chen, X., Synergistic therapeutic effects of Schiff's base cross-linked injectable hydrogels for local co-delivery of metformin and 5-fluorouracil in a mouse colon carcinoma model, 2016, Biomaterials, Volume 75, Pages 148–162, @2016
782. Fang, G., Xu, L., Ma, J., Li, A., Theoretical Understanding of the Reaction Mechanism of SiO₂ Atomic Layer Deposition, Chemistry of Materials, 2016, Volume 28, Pages 1247-1255, @2016
783. Valadbeigi, Y., Effect of Mono- and Di-hydration on the Intramolecular Proton Transfers and Stability of Cyanuric Acid Isomers: A DFT Study, 2016, Volume 128, Pages 1237-1244, @2016
232. Marinov, M., Minchev, S., Stoyanov, N., Ivanova, G., **Spasova, M., Enchev, V.** Synthesis, spectroscopic characterization and ab initio investigation of thioanalogues of spirohydantoins. Croat. Chem. Acta, 78, 1, Croatian Chemical Society, 2005, ISSN:0011-1643, 9-16. ISI IF:0.728

Цитира се в:

784. S. Fatima, A. Badshah, B. Lal, F. Asghar, M. N. Tahir, A. Shah, I. Ullah, J. Organomet. Chem., 819 (2016) 194-200. doi:10.1016/j.jorganchem.2016.07.003, @2016
785. A. A.-M. Abdel-Aziz, H. A. Ghabbour, A. S. El-Azab, N. Y. Khalil, H.-Kun Fun, M. A. El-Sherbeny, Mol. Cryst. Liq. Cryst., 631 (2016) 144-153. DOI: 10.1080/15421406.2016.1149027, @2016
786. F. Asghar, A. Badshah, B. Lal, I. S. Butler, S. Tabassum, M. Nawaz Tahir, Inorg. Chim. Acta, 439 (2016) 82–91, @2016
787. V. Antonov, M. Nedyalkova, P. Tzvetkova, A. Ahmedova, Z. Phys. Chem., 230 (2016) 909-930. DOI: 10.1515/zpch-2015-0710, @2016
233. Minchev, C., Huwe, H., **Tsoncheva, T.**, Paneva, D., **Dimitrov, M.**, Mitov, I., Fröba, M.. Iron oxide modified mesoporous carbons: Physicochemical and catalytic study. Microporous and Mesoporous Materials, 81, 1-3, Elsevier, 2005, ISSN:1387-1811, DOI:doi:10.1016/j.micromeso.2005.02.015, 333-341. SJR:1.156, ISI IF:3.453

Цитира се в:

788. Schettino Jr, M.A., Cunha, A.G., Nunes, E., Emmerich, F.G., Morigaki, M.K. Synthesis and characterization of nanostructured iron compounds prepared from the decomposition of iron pentacarbonyl dispersed into carbon materials with varying porosities, @2016
234. Sforcin, J. M., Orsi, O., **Bankova, V.** Effect of propolis, some isolated compounds and its source plant on antibody production. Journal of Ethnopharmacology, 98, 3, 2005, 301-305. ISI IF:1.554

Цитира се в:

789. Sampietro, D.A., Sampietro Vattuone, M.M., Vattuone, M.A. LWT - Food Science and Technology, 70, 9-15, @2016
790. Ma, X., Z. Guo, Y. Liu, Y. Zhou, X. Wang, Z. Shen, J. Wang. Biochem Anal Biochem 2016, 5:1, <http://dx.doi.org/10.4172/2161-1009.1000242>, @2016
791. Perote, L.C.C.C. Tese Doutorado. Instituto de Ciência e Tecnologia de São José dos Campos, UNESP - Univ Estadual Paulista, São José dos Campos 2016, @2016

792. Alday, E., M. Navarro-Navarro, A. Garibay-Escobar, R. Robles-Zepeda, J. Hernandez, C. Velazquez. In : Chambo, E.D. (Editor) "Beekeeping and Bee Conservation - Advances in Research", ISBN 978-953-51-2412-2, Print ISBN 978-953-51-2411-5, INTECH, 2016, @2016

235. **Popova, M.**, Silici, S., Kaftanoglu, O., **Bankova, V.**. Antibacterial activity of Turkish propolis and its qualitative and quantitative chemical composition. *Phytomedicine*, 12, 2005, 221-228. ISI IF:1.35

Цумура се в:

793. Costamagna, M.S., Zampini, I.C., Alberto, M.R., Cuello, S., Torres, S., Pérez, J., Quispe, C., Schmeda-Hirschmann, G., Isla, M.I. Polyphenols rich fraction from *Geoffroea decorticans* fruits flour affects key enzymes involved in metabolic syndrome, oxidative stress and inflammatory process. *Food Chemistry* 190, pp. 392-402, 2016., @2016

794. Sancho, M.T., Pascual-Maté, A., Rodríguez-Morales, E.G., Osés, S.M., Escriche, I., Periche, A., Fernández-Muiño, M.A. Critical assessment of antioxidant-related parameters of honey. *International Journal of Food Science and Technology* 51 (1), pp. 30-36 (2016)., @2016

795. Costamagna, M.S., Zampini, I.C., Alberto, M.R., Cuello, S., Torres, S., Pérez, J., Quispe, C., Schmeda-Hirschmann, G., Isla, M.I. Polyphenols rich fraction from *Geoffroea decorticans* fruits flour affects key enzymes involved in metabolic syndrome, oxidative stress and inflammatory process. *Food Chemistry* 190, pp. 392-402, 2016., @2016

796. Torres Carro, R., D'Almeida, R.E., Isla, M.I., Alberto, M.R. Antioxidant and anti-inflammatory activities of *Frankenia triandra* (J. Rémy) extracts. *South African Journal of Botany* 104, 208-214, 2016., @2016

797. Sforcin, J.M. Biological Properties and Therapeutic Applications of Propolis. *Phytotherapy Research* 30(6), 894-905, 2016., @2016

798. Kadri, S.M., Zaluski, R., Pereira Lima, G.P., Mazzafera, P., De Oliveira Orsi, R. Characterization of *Coffea arabica* monofloral honey from Espírito Santo, Brazil. *Food Chemistry* (203), 252-257, 2016., @2016

799. Erturk, O., E. Cil, N. Yoloğlu, C. Yavuz. *Mellifera* 16(1), 4–18, @2016

800. Dušanka Milojković Opsenica, Petar Ristivojević, Jelena Trifković, Irena Vovk, Dražen Lušić, Živoslav Tešić. TLC Fingerprinting and Pattern Recognition Methods in the Assessment of Authenticity of Poplar-Type Propolis. *J Chromatogr Sci* (2016) doi: 10.1093/chromsci/bmw024., @2016

801. Milojković Opsenica, D., P. Ristivojević, J. Trifković, I. Vovk, D. Lušić, Ž. Tešić. *J Chromatogr Sci* first published online February 29, 2016, doi:10.1093/chromsci/bmw024, @2016

802. Quita, S.M. *Life Sci J* 13(3), 43-50 (2016)., @2016

803. Quita, S.M. *J Am Sci* 12(3), 44-50(2016)., @2016

804. Alday, E., M. Navarro-Navarro, A. Garibay-Escobar, R. Robles-Zepeda, J. Hernandez, C. Velazquez. In : Chambo, E.D. (Editor) "Beekeeping and Bee Conservation - Advances in Research", ISBN 978-953-51-2412-2, Print ISBN 978-953-51-2411-5, INTECH, 2016., @2016

805. Isidorov, V.A., S. Bakier, E. Pirožnikow, M. Zambrzycka, I. Swiecicka. *J Chem Ecol* 42, 475–485 (2016)., @2016

806. Somensi Zeggio, A.R. PhD Thesis, Universidade Federal de Santa Catarina, Florianópolis, 2016., @2016

807. Mutlu Sariguzel, F., Berk, E., Koc, A.N., Sav, H., Demir, G. *Journal of Clinical Laboratory*

- 808.** Catarino, M.D., J.M. Alves-Silva, S.I. Falcão, M. Vilas-Boas, M. Jordão, S.M. Cardoso. In: Chemistry, Biology and Potential Applications of Honeybee Plant-Derived Products: Beneficial Effects of Propolis on Human Health, Eds: Susana M. Cardoso and Artur M.S. Silva, ISBN (eBook): 978-1-68108-237-0; ISBN (Print): 978-1-68108-238-7; Bentham Science Publishers, Sharjah (2016), pp. 89 - 149., @2016
- 809.** Boufadi, Y.M., J. Soubhye, J. Neve, P. Van Antwerpen, A. Riaz. International Journal of Food Science and Technology 2016, doi:10.1111/ijfs.13247., @2016
- 810.** Uçar, M., O. Değer, Y. Barlak. Tropical Journal of Pharmaceutical Research, 15(10), : 2093-2097 (2016)., @2016
- 811.** Farghaly, D.S. Middle East Journal of Applied Sciences 6(3), 468-473 (2016)., @2016
- 812.** Ghaibie, N., J.H. Hamissi, Y. Rahmani. Acta Medica Mediterranea 32, 1477 – 1481 (2016)., @2016

- 236.** Viteva, L., Gospodova, T, Stefanovsky, Y., **Simova, S.** Diastereoselectivity in addition of nitrile-stabilized carbanions to Schiff bases and in subsequent alkylation reactions. Tetrahedron, 61, 24, Elsevier, 2005, ISSN:0040-4020, DOI:10.1016/j.tet.2005.04.010, 5855-5865. SJR:0.991, ISI IF:2.645

Цумупа се в:

- 813.** Wang, J. D., Xu, J. X., Stereoselective Models for the Electrophilic Addition on the Double Bond Adjacent to A Chiral Centre, Progress in Chemistry, 28(6), pp. 784-800., @2016

- 237.** **Stoyanov S. S.**, Binev I., Tsenov J.. Experimental and computational studies on the IR spectra and structures of the free tricyanomethanide carbanion and its potassium ion-pair. (2005) Bulg Chem Comm, 37, p. 361., 2005

Цумупа се в:

- 814.** Tautomerization, acidity, basicity, and stability of cyanoform: A computational study, @2016

- 238.** **Mavrodinova, V., Popova, M.,** Valchev, V., Nickolov, R., Minchev, Ch.. Beta zeolite colloidal nanocrystals supported on mesoporous MCM-41. Journal of Colloid and Interface Science, 286, 1-2, Elsevier, 2005, ISSN:00219797, DOI:10.1016/j.jcis.2005.01.006, 268-263. SJR:1.095, ISI IF:3.514

Цумупа се в:

- 815.** Antunes, M.M., Neves, P., Fernandes, A., Lima, S., Silva, A.F., Ribeiro, M.F., Silva, C.M., Pillinger, M., Valente, A.A., Bulk and composite catalysts combining BEA topology and mesoporosity for the valorisation of furfural, Catalysis Science and Technology, 6 (21), pp. 7812-78-29, @2016, @2016

- 239.** **Trusheva, B., Popova, M., Kortenska, V., Totzeva, I.,** Rodriguez, J. G., **Bankova, V.** Chemical Composition and Antioxidant Activity of Propolis from Venezuela. Oxidation Communications, 28, SIMELPRESS Publ., Sofia, Bulgaria, 2005, ISSN:0209-4541, 490-496. ISI IF:0.274

Цумупа се в:

- 816.** Alday, E., Navarro-Navarro, M., Garibay-Escobar, A., Robles-Zepeda, R., Hernandez, J., Velazquez, C. "Advances in pharmacological activities and chemical composition of propolis produced in Americas", In Beekeeping and Bee Conservation - Advances in Research (book), E D Chambo (Ed.), InTech, Rijeka, Croatia, 2016, 99-151. ISBN: 978-953-51-2412-2., @2016

240. Gilli, P., Bertolasi, V., Pretto, L., **Antonov, L.**, Gilli, G.. Variable-Temperature X-ray Crystallographic and DFT Computational Study of the N-H...O/N...H-O Tautomeric Competition in 1-(Arylazo)-2-naphthols. Outline of a Transition-State Hydrogen-Bond Theory. Journal of The American Chemical Society, 127, 13, 2005, DOI:10.1021/ja0453984, 4943-4953. ISI IF:12.11

Цитупа се в:

817. Romero-Fernández, M.P., Ávalos, M., Babiano, R., Cintas, P., Jiménez, J.L., Palacios, J.C. A further look at π -delocalization and hydrogen bonding in 2-arylmalonodialdehydes (2016) Tetrahedron, 72 (1), pp. 95-104., @2016
818. Roohi, H. , Ghauri, K., Influence of various anions and cations on electrochemical and physicochemical properties of the nanostructured Tunable Aryl Alkyl Ionic Liquids (TAAILs): A DFT M06-2X study, Thermochemica Acta, 2016, Volume 639, Pages 20-40, @2016
819. Cai, J., Li, Z., Qiu, Y., Ouyang, Z., Lin, W., Yang, L., Feng, W., Yu, X., Dong, W., The syntheses, structures and azo-hydrazone tautomeric studies of three triazole/tetrazole azo dyes, New Journal of Chemistry, 2016, Volume 40, Pages 9370-9379, @2016
820. Mahmudov, K.T., Pombeiro, A.J.L., Resonance-Assisted Hydrogen Bonding as a Driving Force in Synthesis and a Synthon in the Design of Materials, Chemistry - A European Journal, 2016, Volume 22, Pages 16356-16398, @2016
241. Baser, K.H.C., Ozek, T., **Konakchiev, A.**, Enantiomeric distribution of linalool, linalyl acetate and camphor in Bulgarian Lavender oil.. Journal of Essential Oil Research, 17, 2, 2005, 135-136

Цитупа се в:

821. Satyal, P., Pappas, R. S. 2016. Antique lavender essential oil from 1945, its chemical composition and enantiomeric distribution. Natural Volatiles & Essential Oils, 3(2): 20-25., @2016
242. **Bankova, V.** Chemical diversity of propolis and the problem of standardization.. Journal of Ethnopharmacology, 100, 1-2, 2005, 114-117. ISI IF:1.554

Цитупа се в:

822. Elbaz, N.M., I.A.Khalil, A. Abd Rabou, I.M..El-Sherbiny. International Journal of Biological Macromolecules 92, 254–269, @2016
823. Ramanauskienė, K., M. Žilnius, V. Juskaite, V. Briedis. Evidence-Based Complementary and Alternative Medicine Volume 2016, Article ID 8175265, 7 pages, @2016
824. Niedzielska, I., Z. Puszczewicz, A. Mertas, D. Niedzielski, B. Różanowski, S. Baron, T. Konopka, A. Machorowska-Pieniążek, M. Skucha-Nowak, M. Tanasiewicz, T. Morawiec, J. Paluch, J. Markowski, B. Orzechowska-Wylęgała, W. Król. BioMed Research International Volume 2016, Article ID 9190814, 11 page, @2016
825. Ruiz G.G., Nelson E.O., Kozin A.F., Turner T.C., Waters R.F., Langelnd, J.O. PLoS ONE 11(7): e0159857. doi: 10.1371/journal.pone.0159857, @2016
826. Priya, S., R.M. Vundavalli, V.K. Kumar Reddy, G. Pradeep, P. Babu, V. Geetha. International Journal of Medical Research and Review 4(6), 950- 955, @2016
827. Ribeiro Corrêa, W., B. Giménez-Cassina López, S.C. do Prado, I. Barbosa da Silva Cunha, A.C.H. Frankland Sawaya, M.J. Salvador. Journal of Apicultural Research, 55(1), 1-7 DOI:10.1080/00218839.2016.1196014, @2016
828. Faleiro Rodrigues, C.R., L. Ciarelli Plentz, M.C. Marcucci, R. Rodrigues Dihl, M. Lehmann.

- 829.** Sforcin, J.M. *Phytother. Res.* 3, 894–905, @2016
- 830.** Istasse, T., Jacquet, N., Berchem, T., Haubruge, E., Nguyen, B.K. Richel, A. *Analytical Chemistry Insights* 11, 49 – 57, @2016
- 831.** Al-Ghamdi, A.A., Bayaqaob, N.I.M., Rushdi, A.I., Alattal, Y., Simoneit, B.R.T., El-Mubarak, A.H., Al-Mutlaq, K.F. *Saudi Journal of Biological Sciences* (2016)*, doi: <http://dx.doi.org/10.1016/j.sjbs.2016.12.012>, @2016
- 832.** Chasset, T., T.T. Häbe, P. Ristivojevic, G.E. Morlock. *Journal of Chromatography A*, 1465, 197–204, @2016
- 833.** Šuran, J., K. Matanović, D. Brozić, T. Mašek, N. Maćešić, L. Radin, J. Aladrović, F. Božić, B. Šeol Martinec, M. Lipar, O. Smolec, M. Benić, B. Radić, G. Bačić. *Veterinarska Stanica* 47(4), 381 – 385, @2016
- 834.** Wen-Chien, H., Hsin-Chi, T., Young-Fa, C., Tsui-Kang, H., Cheng-Chun, W., Jyh-Larng, C., Feng-Cheng, S., Yi-Chou, C. *Research Journal of Biotechnology*, 11(9), 49-57, @2016
- 835.** Ohkura, N., K. Oishi, F. Kihara-Negishi, G.-i. Atsumi, T. Tatefuji. *J Intercult Ethnopharmacol* 5(4), 439-443 doi: 10.5455/jice.20160814112735, @2016
- 836.** Batista, E.K.F.; Batista, M.C.S.; Sonrinho, J.A.N.; Trindade, H.I.; Silva, L.L.B.; Muller, J.B.B.S. *Rev. Bras. Pl. Med.*, Campinas, 17(3), 413-419, @2016
- 837.** Da Silveira, C., L. Fernandes, M. Silva, D. Luz, A.R. Gomes, M.C. Monteiro, C. Machado, Y. Torres, T. de Lira, A.G. Ferreira, E.A. Fontes-Júnior, C.S.F. Maia, . *Oxidative medicine and Cellular Longevity* Volume 2016, Article ID 2906953, 14 pages, @2016
- 838.** Saric, S., Sivamani, R.K. *Int. J. Mol. Sci.* 17(9), 1521, doi:10.3390/ijms17091521, @2016
- 839.** Özkök, A., K. Sorkun, B. Salih. *Hacettepe J. Biol. & Chem.*, 44(3), 317–328, @2016
- 840.** González-Ponce, H.A., M.C. Martínez-Saldaña, A.R. Rincón-Sánchez, M.T. Sumaya-Martínez, M. Buist-Homan, K.N. Faber, H. Moshage, F. Jaramillo-Juárez. *Nutrients*, 8, 607 doi:10.3390/nu8100607, @2016
- 841.** Somensi Zeggio, A.R. PhD Thesis, Universidade Federal de Santa Catarina, Florianópolis, 2016, @2016
- 842.** Jyothi, K..N, A. Gopal. *Research & Reviews: Journal of Dental Sciences* 4(3), 90 – 94, @2016
- 843.** Erturk, O., E. Cil, N. Yoloğlu, C. Yavuz. *Mellifera* 16(1), 4–18, @2016
- 844.** Funari, C.S., R.L. Carneiro, M.J. Egeness, G.M. Leme, A.J. Cavalheiro, E.F. Hilder. *ACS Sustainable Chem. Eng.*, 4(12), 7110–7117, @2016
- 845.** Kim, H.B., Yoo, B.S. *Toxicol. Res.* 32(4), 345-351, @2016
- 846.** Wali, A.F., A. Mushtaq, M.U. Rehman, S. Akbar, M.H. asoodi. *Free Radicals and Antioxidants* 6(1), 51 -56, @2016
- 847.** Machado, B.A., Silva R.P., Barreto G.A., Costa S.S., Silva D.F., Brandão H.N., Rocha J.L., Dellagostin O.A., Henriques J.A., Umsza-Guez M.A., Padilha F.F. *PLoS One* 11(1):e0145954. doi: 10.1371/journal.pone.0145954, @2016
- 848.** Aberomand, M., M. Parvank, G. Mohammadzadeh, Z. Ramezani. *Jundishapur J Nat Pharm Prod.* 11(1): e24594, @2016
- 849.** Xuan, H. Y. Wang, A. Li, C. Fu , Y. Wang , W. Peng. *Evidence-based Complementary and Alternative Medicine*, Volume 2016, Article ID 9641965, @2016

850. Vlaia, L.L., V. Vlaia, I.V. Olariu, A.M. Mut, C.A. Gafitanu, C. Dehelean, D. Navolan, D. Lupuleasa, G.H. Coneac. *Rev.Chim.(Bucharest)* 67(2), 378 – 381, @2016
851. Rebaza, R.; .L. Amaya; A.a Gutiérrez; R. Haro; M. Tumbajulca; F. Valera; Y. Vargas; G.a Barraza-Jauregui; J.M. León Vargas; J.A. Sánchez-González. *Agroindustrial Science* 6(2), 239 – 252, @2016
852. Vongsak, B., C. Chonanant, S. Machana. *Walailak Journal of Science and Technology (WJST)*, 15, <http://wjst.wu.ac.th/index.php/wjst/article/view/2265>, @2016
853. Oruç, H.H., A. Sorucu, H.H. Ünal, L. Aydin. *Ankara Üniv Vet Fak Derg*, 64, 13-20, @2016
854. Roberto, M.M., S.T. Matsumoto, C.M. Jamal, O. Malaspina, M.A. Marin-Morales, *Toxicology in Vitro*, 33, 9-15 DOI: 10.1016/j.tiv.2016.02.005, @2016
855. Camacho-Alonso, F., Salmerón-Lozano, P. & Martínez-Beneyto, Y. *Odontology* (2016)*. doi:10.1007/s10266-016-0271-4, @2016
856. Easmin, S., M.Z.I. Sarker, K. Ghafoor, S. Ferdosh, J. Jaffri, M.E. Ali, H. Mirhosseini, F.Y. Al-Juhaimi, V. Perumal, A. Khatib, R. *Journal of Food and Drug Analysis*, Available online 5 November 2016*, <http://dx.doi.org/10.1016/j.jfda.2016.09.007>, @2016
857. Krepper G., P.B. Resende de Cerqueira, M.F. Pistonesi, M.S. Di Nezio, M. E. Centurión. *International Journal of Environmental Analytical Chemistry*, (2016)* DOI: 10.1080/03067319.2016.1250893, @2016
858. Freires, I.A., V.C.P.P. Queiroz, V.F. Furletti, M. Ikegaki, S.M. de Alencar, M.C.T. Duarte, P.L. Rosalen, *Journal de Mycologie Médicale / Journal of Medical Mycology*, 26(2), 122 – 132, @2016
859. Veloz, J.J., N. Saavedra, M. Alvear, T. Zambrano, L. Barrientos, L.A. Salazar, *BioMed Research International*, vol. 2016, Article ID 4302706, 7 pages, doi:10.1155/2016/4302706, @2016
860. Yang, H., Z. Huang, Y. Chen, C. Zhang, M. Ye, L. Wang. *Eur Food Res Technol* 242, 537–546, @2016
861. Ibrahim, N., Niza, N.F.S.M., Rodi, M.M.M., Zakaria, A.J., Ismail, Z., Mohd, K.S. *Malaysian Journal of Analytical Sciences* 20(2), 413-422, @2016
862. Stan, T., L. Marutescu, M.C. Chifiriuc, V. Lazar. *Romanian Biotechnological Letters*. 21(1), 11166 – 11175, @2016
863. Alday, E., M. Navarro-Navarro, A. Garibay-Escobar, R. Robles-Zepeda, J. Hernandez, C. Velazquez. In : Chambo, E.D. (Editor) "Beekeeping and Bee Conservation - Advances in Research", ISBN 978-953-51-2412-2, Print ISBN 978-953-51-2411-5, INTECH, 2016, @2016
864. Mantuanelli Roberto, M., C. Masrouah Jamal, O. Malaspina, M.A. Marin-Morales. *Genetics and Molecular Biology*, 39(2), 257-269, @2016
865. Daffalla KA, Mahmoud AS. *J Int Oral Health* 8(5), 646-649, @2016
866. Siripatrawan U., Vitchayakitti W. *Food Hydrocolloids*, 61, 695–702, @2016
867. Tartik, M., E. Darendelioglu, G. Aykutoglu, G. Baydas. *Biomedicine & Pharmacotherapy*, 82, 704-712, @2016
868. Alves de Souza, S. PhD Thesis, Universidad Federal Rural de Prnambuco, Recife, 2016, @2016
869. Salgueiro, F.B., Castro, R.NQuim. *Nova* 39(10), 1192-1199, @2016
870. Salasa, A., Mercadoc MI, Zampini IC, Ponessa GI, Isla MI. *Nat Prod Commun*. 11(5), 627-

871. Galeotti, F., L. Crimaldi, F. Maccari, V. Zaccaria, A. Fachini, N. Volpi. Natural Product Research, 2016* <http://dx.doi.org/10.1080/14786419.2016.1269093>, @2016
872. Ebeid, S.A., N.A. Abd El Moneim, S.A. El-Benhawy, N.G. Hussain, M.I. Hussain. Journal of Radiation Research and Applied Sciences, 9(4), 431–440, @2016
873. Venegas, Y., C. Peña, E. Pastene, D. Contreras. Journal of Apicultural Research, 55(1), 8 – 18 DOI: 10.1080/00218839.2016.1192374, @2016
874. D'Souza, E.; Mantri, J.; Surti, A. Indian Journal of Natural Products and Resources 7(2), 135 - 140, @2016

243. **Kurteva, V.**, Afonso, C.. A direct intramolecular asymmetric catalytic aldol cyclodehydration of meso-3,4-disubstituted-1,6-dialdehydes. Tetrahedron, 61, Elsevier, 2005, ISSN:0040-4020, DOI:10.1016/j.tet.2004.10.034, 267-273. SJR:0.872, ISI IF:2.641

Цитупа се в:

875. Baba, T.; Yamamoto, J.; Hayashi, K.; Sato, M.; Yamanaka, M.; Kawabata, T.; Furuta, T.; Catalytic discrimination among formyl groups in regio- and stereoselective intramolecular cross-aldol reactions, Chem. Sci. 2016, 7, 3791-3797., @2016
876. Jacoby, C. G.; MS Thesis, Síntese de compostos imidazol-tiazolidina e sua aplicação como organocatalisadores em reações aldólicas estereosseletivas, 2016, Universidade federal do Rio Grande do Sul, Porto Alegre, Brazil., @2016

244. Changalov, MM, Ivanova, GD, **Rangelov, MA**, Acharya, P, Acharya, S, Minakawa, N, Foldesi, A, **Stoineva, IB**, Yomtova, VM, Roussev, CD, Matsuda, A, Chattopadhyaya, J, Petkov, DD. 2 '3 '-O-peptidyl adenosine as a general base catalyst of its own external peptidyl transfer: Implications for the ribosome catalytic mechanism. CHEMBIOCHEM, 6, 6, WILEY-V C H VERLAG GMBH, 2005, DOI:10.1002/cbic.200400349, 992-996. ISI IF:3.008

Цитупа се в:

877. Wang J., Kwiatkowski M., Forster A.C., Ribosomal peptide syntheses from activated substrates reveal rate limitation by an unexpected step at the peptidyl site - Journal of the American Chemical Society, , @2016
878. 2. Wang, J. , In Vitro Kinetics of Ribosomal Incorporation of Unnatural Amino Acids.Doctoral thesis, @2016

245. **Idakieva, K.**, Parvanova, K., Todinova, S.. Differential scanning calorimetry of the irreversible denaturation of Rapana thomasiana (marine snail, Gastropod) hemocyanin. Biochimica et Biophysica Acta - Proteins and Proteomics, 1748, ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS, 2005, ISSN:1570-9639, 50-56. ISI IF:2.891

Цитупа се в:

879. G. Marshall, P. Valchev, F. Dehghani, V. G. Gomes, J. Therm. Anal Calorim., 123 (3) 2499-2505, DOI 10.1007/s10973-015-4827-2, @2016
880. Gomes, V.G., Marine Glycoproteins: Processing, Characterization and Therapeutic Applications, Materials Today: Proceedings 3 (10), pp. 3553-3558, @2016
881. Gómez-Estaca, J., Montero, P., Fernández-Martín, F., Calvo, M.M., Gómez-Guillén, M.C., Innovative Food Science and Emerging Technologies 34, 154-160, @2016

246. **Dolashka-Angelova, P., Dolashki, A.,** Savvides, S. N., Hristova, R., Van Beeumen, J., Voelter, W., Devreese, B., Weser, U., Di Muro, P., Salvato, B., Stevanovic, S.. Structure of hemocyanin subunit CaeSS2 of the crustacean Mediterranean crab *Carcinus aestuarii*. Journal of Biochemistry, 138, 3, 2005, ISSN:0021924X, 303-312. SJR:1.337, ISI IF:1.827

Цитупа се в:

882. Munusamy Cation metals specific hemocyanin exhibits differential antibacterial property in mud crab, *Scylla serrata*., @2016

247. Monev, V, **Spasova, M,** Champagne, B. Charge distributions in polyacetylene chains containing a positively charged defect. Int. J. Quant. Chem, 104, Wiley, 2005, ISSN:1097-461X, DOI:10.1002/qua.20605, 354-366. ISI IF:1.432

Цитупа се в:

883. R. B. Viana, J. J. G. Varela Jr, A. C. M. Tello, R. M. L.Savedra, A. B. F. da Silva, Mol. Phys., xxx (2016) xxx. DOI:10.1080/00268976.2016.1213438, @2016

248. Berkov, S., **Doncheva, T., Philipov, S.,** Alexandrov, K.. Ontogenetic variation of the tropane alkaloids in *Datura stramonium*. Biochemical Systematics and Ecology, 33, 10, 2005, ISSN:03051978, 1017-1029. ISI IF:0.97

Цитупа се в:

884. Kizil, S., Tonçer, Ö. Effects of Sowing Date on Some Agronomic Characteristics and Alkaloid Content of *Datura Stramonium* in Semi-Arid Conditions. Cercetari Agronomice in Moldova. 49 (1) (2016) 41–50. ISSN 2067-1865, @2016

885. P. Śramska, A. Maciejka, A. Topolewska, P. Stepnowski, Ł. P. Haliński, Isolation of atropine and scopolamine from plant material using liquid-liquid extraction and EXtrelut® columns, Journal of Chromatography B, @2016

249. Manova, E., Estournes, C., Paneva, D., Rehspringer, J.-L., **Tsoncheva, T.,** Kunev, B., Mitov, I.. Mössbauer study of nanodimensional nickel ferrite - mechanochemical synthesis and catalytic properties. Hyperfine Interactions, 165, Springer, 2005, ISSN:1572-9540, 215-220. ISI IF:0.533

Цитупа се в:

886. Ugendar, K., Reddy, V.R., Markandeyulu, G., Temperature Dependence of Magnetization, Anisotropy, and Hyperfine Fields of $\text{NiFe}_{2-x}\text{YbxO}_4$ ($x = 0, 0.05, 0.075$), @2016

250. **Stefanova, M., Marinov, S.P.,** Yperman, J., Carleer, R.. Reductive pyrolysis of Miocene-aged lignite lithotypes using MS and GC/MS detection systems for analysis of organic sulphur groups. Fuel, 84, 1, Elsevier, 2005, ISSN:0016-2361, DOI:10.1016/j.fuel.2004.07.003, 71-79. SJR:1.568, ISI IF:4.091

Цитупа се в:

887. Feng Han, Aihong Meng, Qinghai Li, Yanguo Zhang, Thermal decomposition and evolved gas analysis (TG-MS) of lignite coals from Southwest China, Journal of the Energy Institute, Volume 89, Issue 1, February 2016, Pages 94–100., @2016

251. Disnar, J.-R., **Stefanova, M.,** Bourdon, S., Laggoun-Defarge, F.. Sequential fatty acid analysis of a peat core covering the last two millennia (Tritrivakely lake, Madagascar): Diagenesis appraisal and consequences for paleoenvironmental reconstruction. Organic Geochemistry, 36, 10, Elsevier, 2005, ISSN:0146-6380, DOI:10.1016/j.orggeochem.2005.06.004, 1391-1404. SJR:1.374, ISI IF:3.07

Цитира се в:

888. Glombitza, C., Mangelsdorf, K., & Horsfield, B. (2016). Differences in bitumen and kerogen-bound fatty acid fractions during diagenesis and early catagenesis in a maturity series of New Zealand coals. *International Journal of Coal Geology*, 153, 28-36., @2016
252. Petrova, B., Budinova T., Petrov, N., Ferhat Yardim, M., Ekinici, E., Razvigorova, M.. Effect of different oxidation treatments on the chemical structure and properties of commercial coal tar pitch. *Carbon*, 43, 2, Elsevier, 2005, ISSN:0008-6223, DOI:10.1016/j.carbon.2004.09.006, 261-267. SJR:1.996, ISI IF:6.89

Цитира се в:

889. Gao, S., Ge, L., Rufford, T.E., Zhu, Z., The preparation of activated carbon discs from tar pitch and coal powder for adsorption of CO₂, CH₄ and N₂, *Microporous and Mesoporous Materials*, 238, pp. 19-26. DOI: 10.1016/j.micromeso.2016.08.004., @2016
890. Tzvetkov, G., Tsyntsarski, B., Balashev, K., Spassov, T., Microstructural investigations of carbon foams derived from modified coal-tar pitch, *Micron*, 89, pp. 34-42. DOI:10.1016/j.micron.2016.07.006., @2016
891. Gonsalvesh, L., Marinov, S.P., Gryglewicz, G., Carleer, R., Yperman, J., Preparation, characterization and application of polystyrene based activated carbons for Ni(II) removal from aqueous solution, *Fuel Processing Technology*, 149, pp. 75-85. DOI:10.1016/j.fuproc.2016.03.024., @2016
892. Jung, J.-M., Hong, J.-H., Hwang, I.-T., Shin, J., Kim, Y.-J., Jeong, Y.G., Jung, C.-H., Choi, J.-H., Facile construction of electrically-conductive carbon patterns from a cheap coal-type pitch and their application to electric heating devices, *Journal of Industrial and Engineering Chemistry*, 39, pp. 188-193. DOI: 10.1016/j.jiec.2016.05.023., @2016
893. Raunija, T.S.K., Sharma, S.C., Verma, A., Yield enhancement of matrix precursor in short carbon fiber reinforced randomly oriented carbon/carbon composite, *Carbon Letters*, 19 (1), pp. 57-65. DOI: 10.5714/CL.2016.19.057., @2016
894. Arami-Niya, A., Rufford, T.E., Zhu, Z., Activated carbon monoliths with hierarchical pore structure from tar pitch and coal powder for the adsorption of CO₂, CH₄ and N₂, *Carbon*, 103, pp. 115-124. DOI: 10.1016/j.carbon.2016.02.098., @2016
895. Gargiulo, V., Apicella, B., Stanzione, F., Tregrossi, A., Millan, M., Ciajolo, A., Russo, C., Structural Characterization of Large Polycyclic Aromatic Hydrocarbons. Part 2: Solvent-Separated Fractions of Coal Tar Pitch and Naphthalene-Derived Pitch, *Energy and Fuels*, 30 (4), pp. 2574-2583. DOI: 10.1021/acs.energyfuels.5b02576., @2016
253. Alves de Lima, R.O., Bazo, A.P., Said, R.A., Sforcin, J. M., Bankova, V., Darros, B.R., Salvadori, D.M.F.. Modifying Effect of Propolis on Dimethylhydrazine-Induced DNA Damage But Not Colonic Aberrant Crypt Foci in Rats. *Environmental and Molecular Mutagenesis*, 45, 2005, 8-16. ISI IF:2.043
- Цитира се в:
896. Saddiq, A.A., A.M. Mohamed. *Pak. J. Pharm. Sci.* 29(4), 1197-1207, @2016
897. Faleiro Rodrigues, C.R., L. Ciarelli Plentz, M.C. Marcucci, R. Rodrigues Dihl, M. Lehmann. *Food and Chemical Toxicology* 96, 117–121, @2016
254. Orsi, O., Sforcin, J. M., Funari, S.R.C., Bankova, V.. Effects of Brazilian and Bulgarian propolis on bactericidal activity of macrophages against *Salmonella typhimurium*.. *International Immunopharmacology*, 5, 2, 2005, 359-368. ISI IF:2.008

Цумура се в:

898. Wen-Chien, H., Hsin-Chi, T., Young-Fa, C., Tsui-Kang, H., Cheng-Chun, W., Jyh-Larng, C., Feng-Cheng, S., Yi-Chou, C. Research Journal of Biotechnology, 11(9), 49-57, @2016
899. Cruz, M., P. Antunes, L. Paulo, A.M. Ferreira, A. Cunha, C. Almeida-Aguiar, R, Oliveira. RSC Adv. 6, 49806-49816, (, @2016

255. Spassova, M, Champagne, B, Kirtman, B. Large effect of dopant level on second hyperpolarizability of alkali-doped polyacetylene chains. Chem. Phys. Lett., 412, Elsevier, 2005, ISSN:0009-2614, DOI:10.1016/j.cplett.2005.06.106, 217-222. ISI IF:1.897

Цумура се в:

900. P. G. Lacroix, I. Malfant, C. Lepetit, Coordination Chemistry Reviews, 308 (2016) 381–394. doi:10.1016/j.ccr.2015.05.015, @2016
901. L. Wang, J.-T. Ye, H. Chen, Z.-Z. Chen, Y.-Q. Qiu, H.-M. Xie, Phys.Chem.Chem.Phys, xxx (2016) xxx. DOI: 10.1039/C6CP06651H, @2016
902. H. Matsui, T. Nagami, S. Takamuku, S. Ito, Y. Kitagawa, M. Nakano, Molecules, 21(11) (2016) 1540. DOI:10.3390/molecules21111540, @2016

2006

256. Bea, I., Gotsev, M. G., **Ivanov, P. M.**, Jaime, C., Kollman, P. A.. Chelate effect in cyclodextrin dimers: A computational (MD, MM/PBSA and MM/GBSA) study. Journal of Organic Chemistry, 71, 5, 2006, 2056-2063. ISI IF:4.721

Цумура се в:

903. Niu, Y., Pan, D., Yang, Y., Liu, H., Yao, X. Revealing the molecular mechanism of different residence times of ERK2 inhibitors via bonding free energy calculation and unbinding pathways analysis, Chemometrics and Intelligent Laboratory Systems, 158 (2016) 91-101, @2016

257. **Philipova, I., Dobrikov, G.**, Krumova, K., Kaneti, J.. Convenient synthesis of some 2-substituted 4(3H)-quinazolinone derivatives. Journal of Heterocyclic Chemistry, 43, 4, Wiley, 2006, ISSN:0022152X, DOI:10.1002/jhet.5570430436, 1057-1063. SJR:0.285, ISI IF:0.891

Цумура се в:

904. Agbo, E.N., Makhafola, T.J., Choong, Y.S., Malose Jack Mphahlele, M.J., and Ramasami, P., Synthesis, Biological Evaluation and Molecular Docking Studies of 6-Aryl-2-Styrylquinazolin-4(3H)-Ones, Molecules, 2016, Volume 21, Page 28 (15 pages)., @2016
905. Priyanka Kundu, Amrita Mondal, and Chinmay Chowdhury, A Palladium-Catalyzed Method for the Synthesis of 2-(α -Styryl)-2, 3-dihydroquinazolin-4-ones and 3-(α -Styryl)-3, 4-dihydro-1, 2, 4-benzothiadiazine-1, 1-dioxide: Access to 2-(α -Styryl)quinazolin-4(3H)-ones and 3-(α -Styryl)-1, 2, 4-benzothiadiazine-1, 1-dioxides, Journal of Organic Chemistry, 2016, volume 81, pages 6596–6608, @2016
906. Leila Hosseinzadeh, Alireza Aliabadi, Masoud Kalantari, Abolfazl Mostafavi, and Marzieh Rahmani Khajouei, Synthesis and cytotoxicity evaluation of some new 6-nitro derivatives of thiazole-containing 4-(3H)-quinazolinone, Research in Pharmaceutical Sciences, 2016, volume 11, pages 210-218, @2016

258. **Alipieva, K.**, Taskova, R.M., Jensen, S.R., Handjieva, N.V.. Iridoid glucosides from Lamium album and

Lamium maculatum (Lamiaceae). Biochemical Systematics and Ecology, 34, Elsevier, 2006, ISSN:0305 – 1978, 88-91. ISI IF:0.906

Цумура се в:

907. Morteza-Semnani, K. , Saeedi, M., Akbarzadeh, M. Chemical Composition of the Essential Oil of the Flowering Aerial Parts of *Lamium album* L.. Journal of Essential Oil-Bearing Plants, 19 (3), 773-777., @2016

259. Kambourova, R., Petkov, G., **Bankova, V.** Extracellular polar organic substances in cultures of green alga *Scenedesmus*. Algological Studies, 119, 2006, ISSN:1864-1318, 155-162

Цумура се в:

908. Figuera, A, Reyes Y, González R, Paula R, Basto L, Aranda D. Revista Latinoamericana de Biotecnología Ambiental y Algal 7 (2), 2016, 42-56., @2016

909. Liu, L., G. Pohnert, D. Wei. Mar. Drugs, 14, 191; doi:10.3390/md1410019, @2016

910. Gubiania, J.R., T.R. Habecka, V.M. Chaplab, G.H. Silvac, V.S. Bolzania, A.R. Araujo. Quim. Nova 39(10), 1221-1224, @2016

260. Da Silva Cunha, I.B., Rodrigues, M.L.T., Meurer, E.C., **Bankova, V.S.**, Marcucci, M.C., Eberlin, M.N., Sawaya, A.C.H.F.. Effect of the maceration time on chemical composition of extracts of Brazilian propolis.. Journal of Apicultural Research, 45, 3, 2006, ISSN:2078-6913, 137-144. ISI IF:0.62

Цумура се в:

911. Osés, S.M., L. Melgosa, A. Pascual-Maté, M.A. Fernández-Muiño, M.T. Sancho. Journal of Apicultural Research, 54(5), 461 – 467 DOI: 10.1080/00218839.2016.1183934, @2016

261. **Dimitrov, V., Kostova, K.** Recent trends in enantioselective diorganozinc-additions to aldehydes. Letters in Organic Chemistry, 3, 3, Bentham Science Publishers Ltd., 2006, ISSN:15701786, DOI:10.2174/157017806775789967, 176-182. ISI IF:1.004

Цумура се в:

912. Escorihuela, J., Burguete, M.I., Ujaque, G., Lledós, A., Luis, S.V., Mechanistic implications of the enantioselective addition of alkylzinc reagents to aldehydes catalyzed by nickel complexes with α -amino amide ligands, Organic and Biomolecular Chemistry, 2016, 14, 11125-11136., @2016

913. Wujkowska, Z., Jarzyński, S., Pieczonka, A.M., Leśniak, S., Rachwalski, M., Highly enantioselective addition of arylzinc reagents to aldehydes promoted by chiral aziridine alcohols, Tetrahedron Asymmetry, 2016, 27, 1238-1244., @2016

262. Manova, E., **Tsoncheva, T.**, Estournès, Cl., Paneva, D., Tenchev, K., Mitov, I., Petrov, L.. Nanosized iron and iron-cobalt spinel oxides as catalysts for methanol decomposition. Applied Catalysis A: General, 300, 2006, ISSN:0926-860X, 170. SJR:1.213, ISI IF:3.94

Цумура се в:

914. Harzali, H., Saida, F., Marzouki, A., Espitalier, F., Mgaidi, A., Structural and magnetic properties of nano-sized NiCuZn ferrites synthesized by co-precipitation method with ultrasound irradiation, @2016

915. Kumar, P., Rana, G., Dixit, G., Annapoorni, S., Asokan, K., Structural, electrical and magnetic properties of dilutely y doped NiFe₂O₄ nanoparticles, @2016

916. Trevisanut, C., Vozniuk, O., Mari, M., Millet, J.-M.M., Cavani, F., The Chemical-Loop Reforming of Alcohols on Spinel-Type Mixed Oxides: Comparing Ni, Co, and Fe Ferrite vs Magnetite Performances, @2016
917. Hammiche-Bellal, Y., Djadoun, A., Meddour-Boukhobza, L., Berger, M.-H., Mernache, F., Effect of the preparation method on the structural and catalytic properties of spinel cobalt-iron oxide, @2016
918. MacHocki, A., Ioannides, T., Papadopoulou, E., Banach, B., Hydrogen-rich gas generation from alcohols over cobalt-based catalysts for fuel cell feeding, @2016
919. Ferreira, N.M., Ferro, M.C., Mikhalev, S.M., Frade, J.R., Kovalevsky, A.V. Guidelines to design multicomponent ferros spinels for high-temperature applications, @2016
263. Cherkezova-Zheleva, Z., **Tsoncheva, T.**, Tyuliev, G., Mitov, I.. Study of mixed valence iron borate catalysts in ethyl acetate oxidation process. Applied Catalysis A: General, 298, 2006, ISSN:0926-860X, 24. SJR:1.213, ISI IF:3.94

Цумура се в:

920. Mesquita, A.M., Guimarães, I.R., Castro, G.M., Ramalho, T.C., Guerreiro, M.C. Boron as a promoter in the goethite (α -FeOOH) phase: Organic compound degradation by Fenton reaction, @2016
264. **Tsoncheva, T.**, **Mavrodinova, V.**, Ivanova, L., **Dimitrov, M.**, Stavrev, S., Minchev, C.. Nickel modified ultrananosized diamonds and their application as catalysts in methanol decomposition. Journal of Molecular Catalysis A: Chemical, 259, 1-2, Elsevier, 2006, ISSN:1381-1169, DOI:doi:10.1016/j.molcata.2005.10.028, 223-230. SJR:1.015, ISI IF:3.61

Цумура се в:

921. Golubina, E.V., Lokteva, E.S., Erokhin, A.V., Likholobov, V.A., Lunin, V.V., The role of metal-support interaction in catalytic activity of nanodiamond-supported nickel in selective phenylacetylene hydrogenation, @2016
265. **Tsoncheva T.**, Areva S., **Dimitrov M.**, Paneva D., Mitov I., Linden M., Minchev C.. MCM-41 silica modified with copper and iron oxides as catalysts for methanol decomposition. Journal of Molecular Catalysis A: Chemical, 246, 1-2, Elsevier, 2006, ISSN:1381-1169, DOI:doi:10.1016/j.molcata.2005.10.028, 118-127. SJR:1.015, ISI IF:3.615

Цумура се в:

922. Banik, S., Mahajan, A., Chowdhury, S.R., Bhattacharya, S.K., Improved and synergistic catalysis of single-pot-synthesized Pt-Ni alloy nanoparticles for anodic oxidation of methanol in alkali, @2016
266. **Momchilova, Sv.**, Itabashi, Y., **Nikolova-Damyanova, B.**, Kuksis, A.. Regioselective separation of isomeric triacylglycerols by reversed-phase high-performance liquid chromatography: Stationary phase and mobile phase effects. Journal of Separation Science, 29, 17, Wiley VCH, 2006, ISSN:1615-9314, DOI:10.1002/jssc.200500504, 2578-2583. SJR:1.153, ISI IF:2.737

Цумура се в:

923. Šala, M., Líska, M., Campbell, J.L., Holčápek, M., Determination of triacylglycerol regioisomers using differential mobility spectrometry, Rapid Communications in Mass Spectrometry, 2016, Volume 30, Pages 256-264, @2016
924. Řezanka, T., Pádrová, K., Sigler, K., Regioisomeric and enantiomeric analysis of

triacylglycerols, Analytical Biochemistry, 2016 (in press, available online), @2016

925. Řezanka, T., Nedbalová, L., Sigler, K., Enantiomeric separation of triacylglycerols containing polyunsaturated fatty acids with 18 carbon atoms, Journal of Chromatography A, 2016, Volume 1467, Pages 261-269, @2016

267. Mavrova, A. Ts., Anichina, K. K., Vuchev, D. I., Tsenov, J. A., **Denkova, P. S.**, Kondeva, M. S., Micheva, M. K.. Antihelminthic activity of some newly synthesized 5(6)-(un)substituted-1H-benzimidazol-2-ylthioacetyl piperazine derivatives. European Journal of Medicinal Chemistry, 41, 12, Elsevier, 2006, ISSN:0223-5234, DOI:10.1016/j.ejmech.2006.07.005, 1412-1420. ISI IF:3.447

Цумура се в:

926. Siddiqui, N., Alam, M.S., Ali, R., Yar, M.S., Alam, O. Synthesis of new benzimidazole and phenylhydrazinecarbothiomide hybrids and their anticonvulsant activity. Medicinal Chemistry Research, 25 (7), pp. 1390-1402, (2016)., @2016
927. Dinparast, L., Valizadeh, H., Bahadori, M.B., Soltani, S., Asghari, B., Rashidi, M.-R. Design, synthesis, α -glucosidase inhibitory activity, molecular docking and QSAR studies of benzimidazole derivatives. Journal of Molecular Structure, 1114, 84-94, (2016)., @2016
928. Salah, A.M.B., Naïli, H., Arczyński, M., Fitta, M. 0D and 1D copper(II) coordination polymers based on 2-methyl-1H-imidazole: Structural, vibrational and magnetic characterizations. Journal of Organometallic Chemistry, 805, 42-48, (2016)., @2016
929. Saracoglu, H., Cukurovali, A. Crystal structure, spectroscopic investigations, and density functional studies of (Z)-2-(1 H-imidazol-1-yl)-1-(3-methyl-3-mesitylcyclobutyl)ethanone oxime. Molecular Crystals and Liquid Crystals, 625 (1), 173-185, (2016)., @2016
930. Łukasik, E., Wróbel, Z. A New Approach to the Synthesis of 1-Arylbenzimidazole-2-thiones from Nitroarenes and Anilines through Halogen-Free Substitution of Hydrogen via Iminophosphorane Intermediates. Synthesis (Germany), 48 (2), 263-270, (2016)., @2016

268. Stoyanova, A., **Konakchiev, A.**, Damyanova, S., Stoilova, I., Thi Suu, P.,. Composition and antimicrobial activity of Ginger essential oil from Vietnam.. Journal Essential Oil Bearing Plants, 14, 2, 2006, 317-323

Цумура се в:

931. Kavas, N., Kavas, G., Saygili, D. 2016. Use of ginger essential oil-fortified edible coatings in Kashar cheese and its effects on Escherichia coli O157:H7 and Staphylococcus aureus. CYTA – Journal of Food, 14(2):, 317-323., @2016

269. Branco, L. C., Gois, P. M. P., Lourenço, N. M. T., **Kurteva, V. B.**, Afonso, C. A. M.. Simple transformation of crystalline chiral natural anions to liquid medium and their use to induce chirality. Chemical Communications, RSC, 2006, ISSN:1359-7345 (printed); 1364-548X (electronic), DOI:10.1039/B600816J, 2371-2372. SJR:2.444, ISI IF:6.834

Цумура се в:

932. Saha, A.; Payra, S.; Banerjee, S.; Recent Advances on Design and Synthesis of Chiral Imidazolium Ionic Liquids and their Applications in Green Asymmetric Synthesis, Journal of Applied Solution Chemistry and Modeling, 2016, 5, 3-20., @2016
933. Porcar, R.; Burguete, M. I.; Lozano, P.; Garcia-Verdugo, E.; Luis, ; S. V. Supramolecular interactions based on ionic liquids for tuning of the catalytic efficiency of (L)-proline, ACS Sustainable Chemistry & Engineering, 2016, 4, 6062-6071., @2016
934. Dyson, P. J.; Jessop, P. G.; Solvent effects in catalysis: rational improvements of catalysts via

270. **Doncheva, T., Berkov, S., Philipov, S.** Comparative study of the alkaloids in tribe Datureae and their chemosystematic significance. *Biochemical Systematics and Ecology*, 34, 6, 2006, ISSN:0305-1978, 478-488. ISI IF:0.97

Цумура се в:

935. Pinto, C.F., Salinas, S., Flores-Prado, L., Echeverría, J., Niemeyer, H.M. Sequestration of tropane alkaloids from *Brugmansia suaveolens* (Solanaceae) by the treehopper *Alchisme grossa* (Hemiptera: Membracidae). *Biochemical Systematics and Ecology* 66 (1) (2016) 161-165. ISSN 0305-1978, @2016
936. Zhou, M., Ma, X., Sun, J., Ding, G., Cui, Q., Miao, Y., Hou, Y., Jiang, M., Bai, G. Active fragments-guided drug discovery and design of selective tropane alkaloids using ultra-high performance liquid chromatography-quadrupole time-of-flight tandem mass spectrometry coupled with virtual calculation and biological evaluation. *Analytical and Bioanalytical Chemistry* 408 (2016) 1-13. ISSN 1618-2642, @2016
271. **Budinova, T., Petrov, N., Razvigorova, M., Parra, J., Galiatsatou, P.** Removal of arsenic (III) from aqueous solution by activated carbons prepared from solvent extracted olive pulp and olive stones. *Industrial and Engineering Chemistry Research*, 45, 6, ACS Publications, 2006, ISSN:0888-5885 (printed); 1520-5045 (online), DOI:10.1021/ie051217a, 1896-1901. SJR:0.95, ISI IF:2.587

Цумура се в:

937. Goswami, R., Shim, J., Deka, S., Kumari, D., Katak, R., Kumar, M., Characterization of cadmium removal from aqueous solution by biochar produced from *Ipomoea fistulosa* at different pyrolytic temperatures, *Ecological Engineering*, 97, pp. 444-451. DOI:10.1016/j.ecoleng.2016.10.007., @2016
938. Banerjee, S., Mukherjee, S., LaminKa-ot, A., Joshi, S.R., Mandal, T., Halder, G., Biosorptive uptake of Fe²⁺, Cu²⁺ and As⁵⁺ by activated biochar derived from *Colocasia esculenta*: Isotherm, kinetics, thermodynamics, and cost estimation, *Journal of Advanced Research*, 7 (5), pp. 597-610. DOI: 10.1016/j.jare.2016.06.002., @2016
939. Hadi, P., Guo, J., Barford, J., McKay, G., Multilayer Dye Adsorption in Activated Carbons- Facile Approach to Exploit Vacant Sites and Interlayer Charge Interaction, *Environmental Science and Technology*, 50 (10), pp. 5041-5049. DOI: 10.1021/acs.est.6b00021., @2016
940. Nagpal, G., Bhattacharya, A., Singh, N.B., Taguchi's optimizing technology for removal of As(III) from aqueous solution by Khangar, *Asian Journal of Chemistry*, 28 (4), pp. 814-818. DOI: 10.14233/ajchem.2016.19526., @2016
941. Xu, X., Gao, B., Jin, B., Yue, Q., Removal of anionic pollutants from liquids by biomass materials: A review, *Journal of Molecular Liquids*, 215, pp. 565-595. DOI:10.1016/j.molliq.2015.12.101Review., @2016
272. **Trusheva, B., Popova, M., Bankova, V., Simova, S., Marcucci, M. C., Miorin, P. L., Pasin, F. R., Tsvetkova, I.** Bioactive Constituents of Brazilian Red Propolis. Evidence-Based Complementary and Alternative Medicine, 3, 2, Hindawi Publishing Corporation, 2006, ISSN:1741-4288, DOI:10.1093/ecam/nel006, 249-254. SJR:0.5, ISI IF:1.88

Цумура се в:

942. Dolabella, L. M. P., Oliveira, J. G., Lins, V., Matencio, T., Vasconcelos, W. L. "Ethanol extract of propolis as a protective coating for mild steel in chloride media", *J Coat Technol Res* 13(3), 543-555 (2016), @2016

943. Freires, I. A., de Alencar, S. M., Rosalen, P. L. "A pharmacological perspective on the use of Brazilian Red Propolis and its isolated compounds against human diseases", *European Journal of Medicinal Chemistry* 110, 267-279 (2016)., @2016
944. Onay, M., Onay, A. K. "Theoretical calculations and structural and electronic properties of isoflavanes: arvensan and isosativan", *Acta Horti* 1145, 97-100 doi: 10.17660/ActaHortic.2016.1145.15 (2016)., @2016
945. do Nascimento, T. G., da Silva, P. F., Azevedo, L. F., da Rocha, L. G., Porto, I. C. C. M., e Moura, T. F. A. L., Basílio-Júnior, I. D., Grillo, L. A. M., Dornelas, C. B., Fonseca, E. J. S., Oliveira, E. J., Zhang, A. T., Watson, D. G. "Polymeric Nanoparticles of Brazilian Red Propolis Extract: Preparation, Characterization, Antioxidant and Leishmanicidal Activity", *Nanoscale Research Letters* 11, Art No 301 (2016)., @2016
946. Sung, S.-H., Choi, G.-H., Lee, N.-W., Shin, B. C. "External use of propolis for oral, skin and genital diseases: a systematic review and meta-analysis", *eCAM*, In Press., @2016
947. Doganli, G. A. "Phenolic content and antibiofilm activity of propolis against clinical MSSA strains", *Rec Nat Prod* 10(5), 617-627 (2016)., @2016
948. Fasolo, D., Bergold, A. M., von Poser, G., Teixeira, H. F. "Determination of benzophenones in lipophilic extract of Brazilian red propolis, nanotechnology-based product and porcine skin and mucosa. Analytical and bioanalytical assays", *J Pharmaceut Biomed Anal* 124, 57-66 (2016)., @2016
949. Abd El-Hady, F. K., Souleman, A. M. A., Ibrahim, I. G., Abdel-Aziz, M. S., El-Shahid, Z. A., Ali, E. A., Elsarrag, M. S. A. "Cytotoxic, anti-acetylcholinesterase, antioxidant and antimicrobial activities of Sudanese propolis with correlation to its GC/MS and HPLC analysis", *Der Pharmacia Lettre* 8(19), 339-350, @2016
950. Machado, C. S., Mokochinski, J. B., de Lira, T. O., de Oliveira, F. C. E., Cardoso, M. V., Ferreira, R. G., Sawaya, A. C. H. F., Ferreira, A. G., Pessoa, C., Cuesta-Rubio, O., Monteiro, M. C., de Campos, M. S., Torres, Y. R. "Comparative study of chemical composition and biological activity of yellow, green, brown, and red Brazilian propolis", *eCAM* 2016, Art ID 6057650, 11 pages (2016)., @2016
951. Das Neves, M. V. M., Araújo, N. D., Oliveira, E. J., Agra, M. F. "Leaf and stem anatomy and histochemistry of *Dalbergia ecastaphyllum*", *Pharmacogn J* 8(6), 557-564 (2016)., @2016
952. Machado, B. S., Pulcino, T. N., Silva, A. L., Melo, D. T., Silva, R. G., Mendonça, I. G. "Propolis as an alternative in prevention and control of dental cavity", *Journal of Apitherapy* 1(2), 47-50 (2016)., @2016
953. Liberato, M. C. T. C., de Moraes, S. M. "PRODUTOS APHCOLAS DO CEARA E SUAS ORIGENS FLORAIS", Editora da Universidade Estadual do Ceara, Fortaleza, 2016*, ISBN: 978-85-7826-336-2, @2016
954. Alday, E., Navarro-Navarro, M., Garibay-Escobar, A., Robles-Zepeda, R., Hernandez, J., Velazquez, C. "Advances in pharmacological activities and chemical composition of propolis produced in Americas", In *Beekeeping and Bee Conservation - Advances in Research (book)*, E D Chambo (Ed.), InTech, Rijeka, Croatia, 2016, 99-151. ISBN: 978-953-51-2412-2., @2016
955. Santos, C. M. M., Silva, A. M. S. "Valuable Analytical Tools in Analysis of Honeybee Plant-Derived Compounds: Nuclear Magnetic Resonance Spectroscopy", In *Chemistry, Biology and Potential Applications of Honeybee Plant-Derived Products (e-book)*, Susana M. Cardoso (editor), Bentham Science Publishers, Sharjah, UAE, 2016, Vol. 1, p. 150-194. ISBN: 978-1-68108-237-0., @2016
956. Lawal, J. R., Bello, A. M., Wakil, Y., Balami, S. Y., Audu, Y., Lekko, Y. M., Mshelia, E. S., Korzerzer, R. M., Ibrahim, U. I. "Comparative effects of honey and Multivitamin on the

immune response of Cockerel Chicks to vaccination against new castle disease (ND) using live attenuated and “Lasota” vaccine”, Open Access J Vet Sci Res 1(2): 000111 (2016)., @2016

957. Auamcharoen, W., Phankaew, C. “Antibacterial activity and phenolic content of propolis from four different areas of Thailand”, Int J Pharmaceut Sci Rev Res 37(1), 77-82 (2016)., @2016

958. Freires, I. A., Queiroz, V. C. P. P., Furletti, V. F., Ikegaki, M., de Alencar, S. M., Duarte, M. C. T., Rosalen, P. L. “Chemical composition and antifungal potential of Brazilian propolis against *Candida* spp.”, Journal of Medical Mycology 26(2), 122-132 (2016)., @2016

273. Berkov, S., Zayed, R., Doncheva, T.. Alkaloid patterns in some varieties of *Datura stramonium*. Fitoterapia, 77, 3, 2006, ISSN:0367326X, DOI:10.1016/j.fitote.2006.01.002, 179-182. ISI IF:2.35

Uumupa ce e:

959. Passos, I.D., Mironidou-Tzouveleki, M. Hallucinogenic Plants in the Mediterranean Countries. Neuropathology of Drug Addictions and Substance Misuse 2 (2016) 761-772. ISBN 978-012800376-3;978-012800213-1, @2016

960. Srivastava, D., Shukla, K. Viral Diseases on Medicinal Plants of North-Eastern Uttar Pradesh. In: Plant Viruses: Evolution and Management, Gaur R. , Petrov N., Patil B. , Stoyanova M. (eds.), Springer Singapore (2016) 89-129. ISBN 978-981-10-1405-5, @2016

961. Śramska, P., Maciejka, A., Topolewska, A., Stepnowski, P., Haliński, Ł. P. Isolation of atropine and scopolamine from plant material using liquid-liquid extraction and EXTrelut® columns, Journal of Chromatography B, @2016

274. Budinova, T., Ekinci, E., Ferhat Yardim, M., Grimm, A., Bjornbom, E., Minkova, V., Goranova, M.. Characterization and application of activated carbon produced by H₃PO₄ and water vapor activation. Fuel Processing Technology, 87, 10, Elsevier, 2006, ISSN:0378-3820, DOI:10.1016/j.fuproc.2006.06.005, 899-905. SJR:1.571, ISI IF:4.031

Uumupa ce e:

962. Kumar, A., Jena, H.M., Removal of methylene blue and phenol onto prepared activated carbon from Fox nutshell by chemical activation in batch and fixed-bed column, Journal of Cleaner Production, 137, pp. 1246-1259. DOI: 10.1016/j.jclepro.2016.07.177., @2016

963. Lu, X., Jiang, J., Sun, K., Zhu, G., Lin, G., Enhancement of Pb²⁺ removal by activating carbon spheres/activated carbon composite material with H₂O vapor, Colloids and Surfaces A: Physicochemical and Engineering Aspects, 506, pp. 637-645. DOI:10.1016/j.colsurfa.2016.07.042., @2016

964. Byamba-Ochir, N., Shim, W.G., Balathanigaimani, M.S., Moon, H., Highly porous activated carbons prepared from carbon rich Mongolian anthracite by direct NaOH activation, Applied Surface Science, 379, pp. 331-337. DOI: 10.1016/j.apsusc.2016.04.082., @2016

965. Xia, D., Tan, F., Zhang, C., Jiang, X., Chen, Z., Li, H., Zheng, Y., Li, Q., Wang, Y., ZnCl₂ activated biochar from biogas residue facilitates aqueous As(III) removal, Applied Surface Science, 377, pp. 361-369. DOI: 10.1016/j.apsusc.2016.03.109., @2016

966. Yorgun, S., Yıldız, D., Şimşek, Y.E., Activated carbon from paulownia wood: Yields of chemical activation stages, Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 38 (14), pp. 2035-2042. DOI: 10.1080/15567036.2015.1030477., @2016

967. Lemraski, E.G., Sharafinia, S., Kinetics, equilibrium and thermodynamics studies of Pb²⁺ adsorption onto new activated carbon prepared from Persian mesquite grain, Journal of Molecular Liquids, 219, pp. 482-492. DOI: 10.1016/j.molliq.2016.03.031., @2016

968. Şahin, Ö., Saka, C., Ceyhan, A.A., Baytar, O., The pyrolysis process of biomass by two-stage

chemical activation with different methodology and iodine adsorption, *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, 38 (12), pp. 1756-1762. DOI:10.1080/15567036.2014.956195., @2016

969. Thitame, P.V., Shukla, S.R., Porosity Development of Activated Carbons Prepared from Wild Almond Shells and Coir Pith Using Phosphoric Acid, *Chemical Engineering Communications*, 203 (6), pp. 791-800. DOI: 10.1080/00986445.2015.1104503., @2016
970. Vargas, D.P., Giraldo, L., Moreno-Pirajan, J.C., Characterisation of granular activated carbon prepared by activation with CaCl_2 by means of gas adsorption and immersion calorimetry, *Adsorption*, 22 (4-6), pp. 717-723. DOI: 10.1007/s10450-016-9764-2., @2016
971. Diyuk, V.E., Mariychuk, R.T., Lisnyak, V.V., Barothermal preparation and characterization of micro-mesoporous activated carbons: Textural studies, thermal destruction and evolved gas analysis with TG-TPD-IR technique, *Journal of Thermal Analysis and Calorimetry*, 124 (2), pp. 1119-1130. DOI: 10.1007/s10973-015-5208-6., @2016
972. Li, Y., Li, Ya., Li, L., Shi, X., Wang, Z., Preparation and analysis of activated carbon from sewage sludge and corn stalk, *Advanced Powder Technology*, 27 (2), pp. 684-691. DOI:10.1016/j.appt.2016.02.029., @2016
973. Stella Mary, G., Sugumaran, P., Niveditha, S., Ramalakshmi, B., Ravichandran, P., Seshadri, S., Production, characterization and evaluation of biochar from pod (*Pisum sativum*), leaf (*Brassica oleracea*) and peel (*Citrus sinensis*) wastes, *International Journal of Recycling of Organic Waste in Agriculture*, 5 (1), pp. 43-53. DOI: 10.1007/s40093-016-0116-8., @2016
974. Rashidi, N.A., Yusup, S., An overview of activated carbons utilization for the post-combustion carbon dioxide capture, *Journal of CO₂ Utilization*, 13, pp. 1-16. DOI:10.1016/j.jcou.2015.11.002., @2016
975. Tazibet, S., Boucheffa, Y., Lodewyckx, P., Velasco, L.F., Boutillara, Y., Evidence for the effect of the cooling down step on activated carbon adsorption properties, *Microporous and Mesoporous Materials*, 221, pp. 67-75. DOI: 10.1016/j.micromeso.2015.09.016., @2016
976. Allwar, A., Preparation and characteristics of activated carbon from oil palm shell for removal of iron and copper from patchouli oil, *International Journal of Applied Chemistry*, 12 (3), pp. 183-192., @2016
977. Kumar, A., Jena, H.M., Preparation and characterization of high surface area activated carbon from Fox nut (*Euryale ferox*) shell by chemical activation with H_3PO_4 , *Results in Physics*, 6, pp. 651-658. DOI: 10.1016/j.rinp.2016.09.012., @2016
978. Liu, B., Gu, J., Zhou, J., High surface area rice husk-based activated carbon prepared by chemical activation with ZnCl_2 - CuCl_2 composite activator, *Environmental Progress and Sustainable Energy*, 35 (1), pp. 133-140. DOI: 10.1002/ep.12215., @2016
979. Omri, A., Benzina, M., Activated carbons prepared from *Thymelaea hirsuta* wood: Sustainable adsorbents for polyvinyl alcohol, *Environmental Progress and Sustainable Energy*, 35 (1), pp. 70-79. DOI: 10.1002/ep.12201., @2016
980. Lazzarini, A., Piovano, A., Pellegrini, R., Leofanti, G., Agostini, G., Rudić, S., Chierotti, M.R., Gobetto, R., Battiato, A., Spoto, G., Zecchina, A., Lamberti, C., Groppo, E., A comprehensive approach to investigate the structural and surface properties of activated carbons and related Pd-based catalysts, *Catalysis Science and Technology*, 6 (13), pp. 4910-4922. DOI: 10.1039/c6cy00159a., @2016
275. Manova E., Estournes C., Paneva D., Rehspringer L., **Tsoncheva T.**, Kunev B., Mitov I. Mössbauer study of nanodimensional nickel ferrite - mechanochemical synthesis and catalytic properties. *Hyperfine Interactions*, 164, 1-4, 2006, 215-220. SJR:0.309, ISI IF:0.459

Цумура се в:

981. Ugendar K., Reddy V.R., Markandeyulu G., "Temperature Dependence of Magnetization, Anisotropy, and Hyperfine Fields of $\text{NiFe}_{2-x}\text{Yb}_x\text{O}_4$ ($x = 0, 0.05, 0.075$)", IEEE Transactions on Magnetism 52 (1)(2016) 7239577, @2016
276. Cheng, K., Koeck, F., Elmund, H., **Idakieva, K.**, Parvanova, K., Schwarz, H., Ternström, T., Hebert, H.. Rapana thomasiensis hemocyanin (RtH): Comparison of the two isoforms, RtH1 and RtH2, at 19 Å and 16 Å resolution. Micron, 37, PERGAMON-ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD OX5 1GB, ENGLAND, 2006, 566-576. ISI IF:1.988

Цумура се в:

982. Zanjani, N.T., M.M. Saksena, P. Valtchev, R. J. Diefenbach, L. Hueston, E. Diefenbach, F. Sairi, V.G. Gomes, A.L. Cunningham, F. Dehghani, Antimicrobial agents and Chemotherapy, 60 (2), 1003-1012, @2016
277. Orsi, R.O., Funari, S.R.C., Barbattini, R., Giovani, G., Frilli, F., Sforcin, J. M., **Bankova, V.** Radionuclides in honeybee propolis (*Apis mellifera* L.). Bul. Environ. Contam. Toxicol, 76, 2006, 637-640. ISI IF:505

Цумура се в:

983. Casquete, R., S.M. Castro, S. Jácome, P. Teixeira. Cogent Food & Agriculture (2016), 2: 1125774, DOI: 10.1080/23311932.2015.1125774;, @2016
278. Orsi, R.O., Sforcin, J. M., Funari, S.R.C., Fernandes Junior, A., **Bankova, V.** Synergistic effect of propolis and antibiotics on the Salmonella Typhi. Braz. J. Microbiol., 37, 2006, 108-112. ISI IF:0.213

Цумура се в:

984. Jenkins, R.E., H.L. Brown, A.E. Roberts, R. Cooper. Medical Research Archives 4(8), DOI: <http://dx.doi.org/10.18103/mra.v4i8.887>, @2016
279. Christov, R., **Trusheva, B., Popova, M., Bankova, V.**, Bertrand, M.. Chemical Composition of Propolis from Canada, Its Antiradical Activity and Plant Origin. Natural Product Research, 20, 6, 2006, 531-536. ISI IF:0.798

Цумура се в:

985. Zeweil, H. S., Zahran, S. M., Abd El-Rahman, M. H. A., Dosoky, W. M., Abu Hafsa, S. H., Mokhtar, A. A. "Effect of using bee propolis as natural supplement on productive and physiological performance of Japanese quail", Egypt Poult Sci 36(1), 161-175 (2016)., @2016
986. Rosli, N. L., Roslan, H., Omar, E. A., Mokhtar, N., Hapit, N. H. A., Asem, N. "Phytochemical analysis and antioxidant activities of Trigona apicalis propolis extract", AIP Conf Proc 1791(1), doi: 10.1063/1.4968873, 020018-1-020018-8 (2016)., @2016
987. Al Naggar, Y., Sun, J., Robertson, A., Giesy, J. P., Wiseman, S. "Chemical characterization and antioxidant properties of Canadian propolis", J Apicult Res 55(4), 305-314 (2016)., @2016
988. Roberto, M. M., Matsumoto, S. T., Jamal, C. M., Malaspina, O., Marin-Morales, M. A. "Evaluation of the genotoxicity/mutagenicity and antigenotoxicity/ antimutagenicity induced by propolis and Baccharis dracunculifolia, by in vitro study with HTC cells", Toxicology in Vitro 33, 9-15 (2016)., @2016
989. Machado, B. A. S., Silva, R. P. D., Barreto, G. A., Costa, S. S., da Silva, D. F., Brandão, H. N., da Rocha, J. L. C., Dellagostin, O. A., Henriques, J. A. P., Umsza-Guez, M. A., Padilha, F. F. "Chemical Composition and Biological Activity of Extracts Obtained by Supercritical

Extraction and Ethanolic Extraction of Brown, Green and Red Propolis Derived from Different Geographic Regions in Brazil”, PLoS ONE 11(1), Art No e0145954 (2016)., @2016

990. Patel, N. K., Jaiswal, G., Bhutani, K. K. “A review on biological sources, chemistry and pharmacological activities of pinostrobin”, Nat Prod Res 30(18), 2017-2027 (2016)., @2016
991. Shibata, T., Shibata, S., Shibata, N., Kiyokawa, E., Sasaki, H., Singh, D. P., Kubo, E. “Propolis, a constituent of honey, inhibits the development of sugar cataracts and high-glucose-induced reactive oxygen species in rat lenses”, J Ophthalmol 2016, Art ID 1917093 (2016)., @2016
992. Alday, E., Navarro-Navarro, M., Garibay-Escobar, A., Robles-Zepeda, R., Hernandez, J., Velazquez, C. “Advances in pharmacological activities and chemical composition of propolis produced in Americas”, In Beekeeping and Bee Conservation - Advances in Research (book), E D Chambo (Ed.), InTech, Rijeka, Croatia, 2016, 99-151. ISBN: 978-953-51-2412-2., @2016
993. Oladayo, M. I. “Nigerian propolis improves blood glucose, glycated hemoglobin A1c, very low-density lipoprotein, and highdensity lipoprotein levels in rat models of diabetes”, J Intercult Ethnopharmacol 5(3), 233-238 (2016)., @2016
994. Sforcin, J. M. “Biological properties and therapeutic applications of propolis”, Phytother Res 30(6), 894-905 (2016)., @2016
995. Czyżewska, U., Miltyk, W. “Mass spectrometry in analysis of chemical composition of propolis”, Post Fitoter 17(2), 119-124 (2016)., @2016

280. Bankova, V., Popova, M., Trusheva, B. Plant Sources of Propolis: an Update from a Chemist’s Point of View. Natural Product Communications, 1, 11, 2006, 1023-1028

Цумура се в:

996. Salas, A., Mercado, M. I., Zampini, I. C., Ponessa, G. I., Isla, M. I. “Determination of Botanical Origin of Propolis from Monte Region of Argentina by Histological and Chemical Methods”, Nat Prod Commun 11(5), 627-630 (2016)., @2016
997. Galeotti, F., Crimaldi, L., Maccari, F., Zaccaria, V., Fachini, A., Volpi, N. “Selective treatment to reduce contamination of propolis by polycyclic aromatic hydrocarbons (PAHs) still preserving its active polyphenol component and antioxidant activity”, Nat Prod Res, In Press, doi: 10.1080/14786419.2016.1269093 (2016)., @2016
998. Salas, A., Alberto, M. R., Zampini, C., Cuello, S., Maldonado, L., Ríos, J. L., Schmeda-Hirschmann, G., Isla, M. I. “Biological activities of polyphenols-enriched propolis from Argentina arid regions”, Phytomedicine 23(1), 27-31 (2016)., @2016
999. Isidorov, V. A., Bakier, S., Pirożnikow, E., Zambrzycka, M., Swiecicka, I. “Selective Behaviour of Honeybees in Acquiring European Propolis Plant Precursors”, J Chem Ecol 42(6), 475-485 (2016)., @2016
1000. Tazawa, S., Arai, Y., Hotta, S., Mitsui, T., Nozaki, H., Ichihara, K. “Discovery of a novel diterpene in Brown propolis from the State of Parana, Brazil”, Nat Prod Commun 11(2), 201-205 (2016)., @2016
1001. Duke, C. C., Tran, V. H., Duke, R. K., Abu-Mellal, A., Plunkett, G. T., King, D. I., Hamid, K., Wilson, K. L., Barrett, R. L., Bruhl, J. J. “A sedge plant as the source of Kangaroo Island propolis rich in prenylated p-coumarate ester and stilbenes”, Phytochemistry, In Press, doi: 0.1016/j.phytochem.2016.11.005 (2016)., @2016

281. Kostova, N., Christov, V., Cholakova, M., Nikolova, E., Evstatieva, L. Pyrrolizidine alkaloids from Bulgarian species of the genus Senecio. Journal of the Serbian Chemical Society, 71, 12, Serbian Chemical Society, 2006, ISSN:0352-5139, DOI:10.2298/JSC0612275K, 1275-1280. ISI IF:0.871

Цитира се в:

1002. Joshi S., Pyrrolizidine alkaloids in some species of Senecio Linnaeus (Senecioneae: Asteraceae), The Pharma Innovation Journal 2016, 5(9): 106-109., @2016
282. Tsoncheva, T., Linden, M., Areva, S., Minchev, Ch.. Copper oxide modified large pore ordered mesoporous silicas for ethyl acetate combustion. Catalysis Communications, 7, Elsevier, 2006, 357-361. SJR:1.029, ISI IF:3.389

Цитира се в:

1003. Lan, H., Zhou, G., Luo, C., Xie, H., Zhang, G., High efficiency CeCu composite oxide catalysts improved via preparation methods for propyl acetate catalytic combustion in air, @2016
1004. Xie, F., Wang, L., Wang, K., Hua, D., Li, W., Preparation of CuO/SiO₂ Hollow Spheres for Catalytic Oxidation of Phenol, @2016
1005. Akram, S., Wang, Z., Chen, L., Chen, Y., Ge, G., Low-temperature efficient degradation of ethyl acetate catalyzed by lattice-doped CeO₂-CoOx nanocomposites, @2016

2007

283. Nedelcheva, D., Antonova, D., Tsvetkova, S., Marekov, I., Momchilova, Sv., Nikolova-Damyanova, B., Gyosheva, M.. TLC and GC-MS probes into the fatty acid composition of some Lycoperdaceae mushrooms. Journal Of Liquid Chromatography & Related Technologies, 30, 18, Taylor and Francis Ltd., 2007, ISSN:10826076, DOI:10.1080/10826070701560629, 2717-2727. SJR:0.289, ISI IF:1.026

Цитира се в:

1006. Petrović, P., Vunduk, J., Klaus, A., Kozarski, M., Nikšić, M., Žižak, Ž., Vuković, N., Šekularac, G., Drmanić, S., Bugarski, B., Biological potential of puffballs: A comparative analysis, Journal of Functional Foods, 2016, Volume 21, Pages 36-49, @2016
1007. Potter, G., Analytical and nanotechnological methods for detection of 3-OH oxylipins and cell ultrastructure in fermenting yeasts, PhD Thesis, Dalhousie University, Halifax, Nova Scotia, Canada, October 2016, @2016
284. Orsi, R.O., Sforcin, J. M., Funari, S.R.C., Fernandes Junior, A., Rodriguez, P., Bankova, V.. Effects of propolis from Brazil and Bulgaria on Salmonella serovars. J. Venom. Anim. Toxins incl. Trop. Dis., 2007, ISI IF:0.436

Цитира се в:

1008. P. Kalia, N.R. Kumar, K. Harjai. Archives of Biological Sciences, 68(2), 385-391 DOI:10.2298/ABS141105040K, @2016
1009. Khosravi, N., Darvishi, S., Davari, K. Scientific Journal of Kurdistan University of Medical Sciences, 20(6), 97-106, @2016
1010. Kalvandi, R., Darvishi, S., Davari, K. Scientific Journal of Kurdistan University of Medical Sciences 21(2), 85-93, @2016
285. Gotsev, M.G., Ivanov, P.M.. Large-ring cyclodextrins. Further support for the preferred conformations of CD26 in water solution: Molecular dynamics studies on CD26-derived conformations of CDn (n=24, 25, 26, 27, 28, 29, 30). International Journal of Quantum Chemistry, 107, 2007, 1657-1672. ISI IF:1.607

Цитира се в:

1011. Khuntawee, W., Rungrotmongkol, T., Wolschann, P., (...), Okumura, H., Hannongbua, S. Conformation study of epsilon-cyclodextrin: Replica exchange molecular dynamics simulations, Carbohydrate Polymers, 141(2016) 99-105, @2016

1012. Assaf, K.I. Gabel, D., Zimmermann, W., Nau, W.M., High-affinity host-guest chemistry of large-ring cyclodextrins, Organic and Biomolecular Chemistry, 14(32)(2016) 7702-7706, @2016

286. Gotsev, M.G., **Ivanov, P.M.**, Jaime, C.. A molecular dynamics study of the conformational dynamics and energetics of some large-ring cyclodextrins (CDn, n = 24, 25, 26, 27, 28, 29). Chirality, 19, 2007, 203-213. ISI IF:2.03

Цитирана се е:

1013. Khuntawee, W., Rungrotmongkol, T., Wolschann, P., (...), Okumura, H., Hannongbua, S. Conformation study of epsilon-cyclodextrin: Replica exchange molecular dynamics simulations, Carbohydrate Polymers, 141(2016) 99-105, @2016

287. **Trendafilova, A., Todorova, M.**, Bancheva, S.. Secondary metabolites from Centaurea moesiaca. Biochemical Systematics and Ecology, 35, Elsevier, 2007, ISSN:0305-1978, 544-548. SJR:0.414, ISI IF:1.089

Цитирана се е:

1014. Atif, M., Ali, I., Hussain, A., Hyder, S.V., Niaz, B., Khan, F.A., Maalik, A., Farooq, U. Pharmacological assessment of hispidulin - A natural bioactive flavone, Acta Poloniae Pharmaceutica - Drug Research (2016), 73 (3), 565-578, @2016

1015. Köse, Y.B., İşcan, G., Göger, F., Akalın, G., Demirci, B., Başer, K.H.C. Chemical Composition and Biological Activity of Centaurea baseri: New Species from Turkey (2016) Chemistry and Biodiversity, pp. 1369-1379, @2016

288. **Enchev, V., Markova, N., Angelova, S.** Prototropic tautomerism in aqueous solution: combined discrete/SCRF models. Chemical Physics Research Journal, 1, 2-3, Nova Science Publishers, 2007, 1-36

Цитирана се е:

1016. Tahan, A., Theoretical study addressing the effects of tautomerism and explicit/implicit water molecules on NQR and NMR parameters of tetrazole-5-thione, Magnetic Resonance in Chemistry, accepted manuscript online: 8 December 2016, DOI: 10.1002/mrc.4560, @2016

1017. Elroby S.A., Tautomerization, acidity, basicity, and stability of cyanoform: a computational study, Chemistry Central Journal, 10 (2016) 20, DOI: 10.1186/s13065-016-0166-z, @2016

289. **Bankova, V.** Natural products chemistry in the third millennium.. Chemistry Central Journal, 1, 1, 2007, DOI:doi:10.1186/1752-153X-1-1

Цитирана се е:

1018. Gabunia, K., Journal of Pharmacy & Pharmacology 4, 146-150, @2016

290. Kostadinova, P.E., **Alipieva, K.I.**, Kokubun, T., Taskova, R.M., Handjieva, N.V.. Phenylethanoids, iridoids and a spirostanol saponin from Veronica turrilliana. Phytochemistry, 68, Elsevier, 2007, ISSN:0031 – 9422, 1321-1326. ISI IF:2.322

Цитирана се е:

1019. Yin, L., Lu, Q., Tan, S., Ding, L., Guo, Y., Chen, F., Tang, L.. Bioactivity-guided isolation of

1020. Chyba, A., Mastihuba, V., Mastihubová, M. Effective enzymatic caffeoylation of natural glucopyranosides. Bioorganic and Medicinal Chemistry Letters, 26 (6), 1567-1570., @2016

291. Angelova, S., Enchev, V., Kostova, K., Rogojerov, M., Ivanova, G.. Theoretical and spectroscopic study of 2-substituted indan-1,3-diones: a coherent picture of the tautomeric equilibrium. The Journal of Physical Chemistry A, 111, 39, ACS Publications, 2007, ISSN:1089-5639, DOI:10.1021/jp074449r, 9901-9913. ISI IF:2.883

Цумура се в:

1021. Verma, P. K., Steinbacher, A., Schmiedel, A., Nuernberger, P., Brixner, T., Excited-state intramolecular proton transfer of 2-acetylindan-1, 3-dione studied by ultrafast absorption and fluorescence spectroscopy, Structural Dynamics, 2016, Volume 3, Pages 023606-15; <http://dx.doi.org/10.1063/1.4937363>, @2016

292. Idakieva, K., Gielens, C., Siddiqui, N.I., Doumanova, L., Vaseva, B., Kostov, G., Shnyrov, V.L.. Irreversible thermal denaturation of beta hemocyanin of *Helix pomatia* and its substructures studied by differential scanning calorimetry. ZEITSCHRIFT FUR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES, 62, VERLAG Z NATURFORSCH, POSTFACH 2645, 72016 TUBINGEN, GERMANY, 2007, 499-506. ISI IF:0.691

Цумура се в:

1022. Marshall, G., P. Valchev, F. Dehghani, V. G. Gomes, J. Therm. Anal Calorim., 123 (3), 2499-2505, @2016

293. Roggenbuck J., Schafer H., Tsoncheva T., Minchev C., Hanss J., Tiemann M.. Mesoporous CeO₂: Synthesis by nanocasting, characterisation and catalytic properties. Microporous and Mesoporous Materials, 101, 2007, ISSN:1387-1811, 335. SJR:1.156, ISI IF:3.453

Цумура се в:

1023. Guo, R., Yue, W., Ren, Y., Zhou, W., Hierarchical structured graphene/metal oxide/porous carbon composites as anode materials for lithium-ion batteries, @2016

1024. Guo, R., Yue, W., Ren, Y., Zhou, W., Hierarchical structured graphene/metal oxide/porous carbon composites as anode materials for lithium-ion batteries, Materials Research Bulletin, 2016, 73, pp. 102-110, @2016

1025. Li, Q., Du, Y., Li, X., Liang, Z., Tian, X., Different Co₃O₄ mesostructures synthesised by templating with KIT-6 and SBA-15 via nanocasting route and their sensitivities toward ethanol, @2016

1026. Vijn, A., Hoffmann, F., Fröba, M., Thermal conversion to form LiNi_{0.5}Mn_{1.5}O_{4-δ}: Influence of precursors and supporting carbon template materials, @2016

1027. Voskanyan, A.A., Chan, K.-Y., Li, C.-Y.V., Colloidal Solution Combustion Synthesis: Toward Mass Production of a Crystalline Uniform Mesoporous CeO₂ Catalyst with Tunable Porosity, @2016

1028. Weinberger, C., Vetter, S., Tiemann, M., Wagner, T., Assessment of the density of (meso)porous materials from standard volumetric physisorption data, @2016

294. Popova, M., Bankova, V., Bogdanov, S., Tsvetkova, I., Najdenski, C., Marcazzan, G.- L., Sabatini, A.- G.. Chemical characteristics of poplar type propolis of different geographic origin. Apidologie, 38, 2007,

Цитира се в:

1029. Saeed, F., Ahmad, R.S., Arshad, M.U., Niaz, B., Batool, R., Naz, R., Ansar Rasul Suleria, H. Propolis to Curb Lifestyle Related Disorders: An Overview, International Journal of Food Properties 19(2), 420-437 (2016)., @2016
1030. Machado, B.A.S., Silva, R.P.D., Barreto, G.D.A., Costa, S.S., Da Silva, D.F., Brandão, H.N., Da Rocha, J.L.C., Dellagostin, O.A., Henriques, J.A.P., Umsza-Guez, M.A., Padilha, F.F. "Chemical composition and biological activity of extracts obtained by supercritical extraction and ethanolic extraction of brown, green and red propolis derived from different geographic regions in Brazil". PLoS ONE 11(1), e0145954 (2016)., @2016
1031. Ibrahim, N., Niza, N.F.S.M., Rodi, M.M.M., Zakaria, A.J., Ismail, Z., nMohd, K.S. Chemical and biological analyses of Malaysian stingless bee propolis extracts [Analysis kimia dan biologi ekstrak propolis lebah kelulut Malaysia]. Malaysian Journal of Analytical Sciences 20(2), 413-422, 2016., @2016
1032. Fortier, J., B. Truax, D. Gagnon, F. Lambert. Forests, 7(2), 37; (2016) doi:10.3390/f7020037., @2016
1033. Vlaia, L.L., V. Vlaia, I.V. Olariu, A.M. Mut, C.A. Gafitanu, C. Dehelean, D. Navolan, D. Lupuleasa, G.H. Coneac. Rev.Chim.(Bucharest) 67(2), 378 – 381 (2016)., @2016
1034. Osés, S.M., L. Melgosa, A. Pascual-Maté, M.A. Fernández-Muiño, M.T. Sancho. Journal of Apicultural Research, DOI: 10.1080/00218839.2016.1183934 (2016)., @2016
1035. Alvarez, M.V., A.G. Ponce, R. Goyeneche, M.R. Moreira. Journal of Food Processing and Preservation doi:10.1111/jfpp.13127 (2016)., @2016
1036. Duke C.C., V.H. Tran, R.K. Duke, A. Abu-Mellal, G.T. Plunkett, D.I. King, K. Hamid, K.L. Wilson, R.L. Barrett, J.J. Bruhl, Phytochemistry, Available online 24 November 2016., @2016
1037. Anđelković, B., L. Vujisić, I. Vučković, V. Tešević, V. Vajs, D. Godevac. Journal of Pharmaceutical and Biomedical Analysis <http://dx.doi.org/10.1016/j.jpba.2016.12.003>, @2016
1038. Schmidt, É.C., M.R. de L. Felix, M. G. Kreusch, D.T. Pereira, G.B. Costa, C. Simioni, L.C. Ouriques, N. Steiner, F. Chow, E.S.L. Floh, F. Ramlov, M. Maraschin, Z.L. Bouzon. Profiles of carotenoids and amino acids and total phenolic compounds of the red alga *Pterocladia capillacea* exposed to cadmium and different salinities. Journal of Applied Phycology. 28(3), 1953 – 1966. DOI 10.1007/s10811-015-0737-8, 2016., @2016
295. Kostadinova, E., **Alipieva, K.**, Stefova, M., Stafilov, T., **Antonova, D.**, Evstatieva, L., Matevski, V., Kulevanova, S., Stefkov, G., **Bankova, V.** Chemical composition of the essential oils of three *Micromeria* species in Macedonia and Bulgaria. Macedonian Journal of Chemistry and Chemical Engineering, 26, 2007, 3-7

Цитира се в:

1039. Alizadeh, A., Ranjbaran J. Natural Product Research, 31(2), 210 – 213 DOI: 10.1080/14786419.2016.1217207, @2016
1040. Aneva, I., Zhelev, P., Nikolova, M., Evtimov, I. Biologica Nyssana, 7(2), 91-99, @2016
1041. Nikolova, M., Aneva, I., Berkov, S. Biologica Nyssana, 7(2), 159-165, @2016
1042. Gherib, M., Bekhechi, M. Paoli, F.A. Bekkara, A. Bighelli, J. Casanova, F. Tomi. Journal of Essential Oil Research, 28(5), 383 – 390 DOI: 10.1080/10412905.2016.1179687, @2016

1043. Benomari, F.Z., N. Djabou, A. Medbouhi, A. Khadir, M. Bendahou, C. Selles, J.-M.e Desjobert, J. Costa, A. Muselli. Chemistry & Biodiversity, 13(11), 1559–1572 DOI: 10.1002/cbdv.201600098, @2016

296. Mavrodinova, V., Popova, M., Kolev, I., Stavrev, S., Minchev, Ch. Effect of the preparation conditions of Ni-supported shock-wave synthesized nanodiamond catalysts. FT-IR and catalytic considerations. Applied Surface Science, 253, 17, Elsevier, 2007, ISSN:01694332, DOI:10.1016/j.apsusc.2007.02.090, 7115-7123. SJR:0.913, ISI IF:2.827

Цитупа се в:

1044. Golubina, E.V., Lokteva, E.S., Erokhin, A.V., Veligzhanin, A.A., Zubavichus, Y.V., Likholobov, V.A., Lunin, V.V., The role of metal–support interaction in catalytic activity of nanodiamond-supported nickel in selective phenylacetylene hydrogenation, Journal of Catalysis, 344, pp.90-99, @2016, @2016

297. Bankova, V., Popova, M.. Propolis of stingless bees: a promising source of biologically active compounds. Pharmacognosy reviews, 1, 2007, 97-107

Цитупа се в:

1045. Machado, B.A.S., RPD Silva, G de Abreu Barreto... . Chemical Composition and Biological Activity of Extracts Obtained by Supercritical Extraction and Ethanolic Extraction of Brown, Green and Red Propolis Derived from Different Geographic Regions in Brazil. PloS one, 2016., @2016

1046. Martins Ribeiro, M.H., P.M. Correia de Albuquerque, C. Fernandes Pinto da Luz. Braz. J. Bot DOI 10.1007/s40415-016-0280-0 (2016)., @2016

1047. Alday, E., M. Navarro-Navarro, A. Garibay-Escobar, R. Robles-Zepeda, J. Hernandez, C. Velazquez. In : Chambo, E.D. (Editor) "Beekeeping and Bee Conservation - Advances in Research", ISBN 978-953-51-2412-2, Print ISBN 978-953-51-2411-5, INTECH, 2016., @2016

1048. Batista, M.C.A., B.V. de Barros Abreu; R.P. Dutra; M.S. Cunha; F.M. Mendonça do Amaral; L.M.B. Torres; M.N. de Sousa Ribeiro. Acta Amazonica 46(3), 315 – 322 (2016)., @2016

298. Szegedi, A., Popova, M., Mavrodinova, V., Urbán, M., Kiricsi, I., Minchev, C. Synthesis and characterization of Ni-MCM-41 materials with spherical morphology and their catalytic activity in toluene hydrogenation. Microporous and Mesoporous Materials, 99, 1-2, Elsevier, 2007, ISSN:13871811, DOI:10.1016/j.micromeso.2006.07.040, 149-158. SJR:1.156, ISI IF:3.359

Цитупа се в:

1049. Carraro, P.M., Blanco, A.A.G., Soria, F.A., Lener, G., Sapag, K., Eimer, G.A., Oliva, M.I., Understanding the role of nickel on the hydrogen storage capacity of Ni/MCM-41 materials, Microporous and Mesoporous Materials, 231, pp. 31-39, @2016, @2016

1050. Bacariza, M.C., Graça, I., Westermann, A., Ribeiro, M.F. , Lopes, J.M., Henriques, C., CO2 Hydrogenation over Ni-Based Zeolites: Effect of Catalysts Preparation and Pre-reduction Conditions on Methanation Performance, Topics in Catalysis, 59 (2-4), pp. 314-325, @2016, @2016

1051. Abdollahi-Alibeik, M. , Moaddeli, A., Cu-MCM-41 nanoparticles: An efficient catalyst for the synthesis of 5-substituted 1H-tetrazoles via [3+2] cycloaddition reaction of nitriles and sodium azide , Journal of Chemical Sciences, 128 (1), pp. 93-99, @2016, @2016

299. Manova E., Tsoncheva T., Paneva D., Rehspringer J.L., Tenchev K., Mitov I., Petrov L.. Synthesis, page 96/240

characterization and catalytic properties of nanodimensional nickel ferrite/silica composites. Applied Catalysis A: General, 317, 2007, ISSN:0926-860X, 34. SJR:1.213, ISI IF:3.942

Цитупа се в:

1052. Halilu, A., Ali, T.H., Atta, A.Y., Bhargava, S.K., Abd Hamid, S.B., Highly Selective Hydrogenation of Biomass-Derived Furfural into Furfuryl Alcohol Using a Novel Magnetic Nanoparticles Catalyst, @2016

300. Batovska, D, Parushev, St, Slavova, A, Bankova, V., Tsvetkova, I., Ninova, M., Najdenski, H.. Study on the substituents' effects of a series of synthetic chalcones against the yeast *Candida albicans*. European Journal of Medicinal Chemistry, 42, 1, Elsevier Masson SAS, 2007, ISSN:0223-5234, DOI:10.1016/j.ejmech.2006.08.012, 87-92. SJR:1.004, ISI IF:3.447

Цитупа се в:

1053. Kadayat, T.M., Park, S., Jun, K.-Y., Magar, T.B.T., Bist, G., Shrestha, A., Na, Y., Kwon, Y., Lee, E.-S.. Effect of chlorine substituent on cytotoxic activities: Design and synthesis of systematically modified 2, 4-diphenyl-5H-indeno[1, 2-b]pyridines. Bioorganic and Medicinal Chemistry Letters, 26 (7), 2016, 1726-1731, @2016

1054. Caboni, P., Aissani, N., Demurtas, M., Ntalli, N., Onnis, V. Pest Management Science 72(1), 125-130, @2016

1055. Karki, R., K.-Y. Jun, T.M. Kadayat, S. Shin, T.B.T. Magar, G. Bist, A. Shrestha, Y. Na, Y. Kwon, E.-S. Lee, European Journal of Medicinal Chemistry, 113, 228–245, @2016

1056. Fedorova, G.F., Kancheva, V.D., Menshov, V.A., Naumov, V.V., Vasil'Ev, R.F., Veprintsev, T.L., Trofimov, A.V., Tsaplev, Y.B., Yablonskaya, O.I. Studies in Natural Products Chemistry, 47, 357-385, @2016

1057. Begum, S., Bharathi K, Prasad K.V.S.R.G. Global Trends Pharm Sci, 7(3), 3353 – 3361, @2016

1058. Shakhathreh MAK, Al-Smadi ML, Khabour OF, Shuaibu FA, Hussein EI, Alzoubi KH. Drug Design, Development and Therapy. 10, 3653-3660, @2016

301. Mavrova, A. Ts., Denkova, P., Tsenov, Y. A., Anichina, K. K., Vutchev D. I.. Synthesis and antitrichinellosis activity of some bis(benzimidazol-2-yl)amines. Bioorganic and Medicinal Chemistry, 15, 18, Elsevier, 2007, ISSN:0968-0896, DOI:10.1016/j.bmc.2007.06.017, 6291-6297. ISI IF:2.793

Цитупа се в:

1059. El-Sayed, T.H., Aboelnaga, A., Hagar, M. Ball milling assisted solvent and catalyst free synthesis of benzimidazoles and their derivatives. Molecules, 21 (9), art. no. 1111, (2016)., @2016

1060. Abdel-Aziz, H.A., Eldehna, W.M., Ghabbour, H., Al-Ansary, G.H., Assaf, A.M., Al-Dhfyhan, A. Synthesis, crystal study, and anti-proliferative activity of some 2-benzimidazolylthioacetophenones towards triple-negative breast cancer MDA-MB-468 cells as apoptosis-inducing agents. International Journal of Molecular Sciences, 17 (8), art. no. 1221, (2016)., @2016

1061. Lee, S.-Y., Perotti, A., De Jonghe, S., Herdewijn, P., Hanck, T., Müller, C.E. Thiazolo[3, 2-a]benzimidazol-3(2H)-one derivatives: Structure-activity relationships of selective nucleotide pyrophosphatase/phosphodiesterase1 (NPP1) inhibitors. Bioorganic and Medicinal Chemistry, 24 (14), 3157-3165, (2016)., @2016

302. Emin, S. M., **Denkova, P. S.**, Papazova, K. I., Dushkin, C. D., Adachi, E.. Study of reverse micelles of di-isobutylphenoxyethoxyethylmethylbenzylammonium methacrylate in benzene by nuclear magnetic resonance spectroscopy. Journal of Colloid and Interface Science, 305, 1, Elsevier, 2007, ISSN:0021-9797, DOI:10.1016/j.jcis.2006.08.013, 133-141. ISI IF:3.368

Цитирана се е:

1062. Orban, D.E., Moretti, A., Uhrich, K.E. Spatial location of indomethacin associated with unimeric amphiphilic carrier macromolecules as determined by nuclear magnetic resonance spectroscopy. Magnetic Resonance in Chemistry, 575-583, (2016)., @2016
303. Petrova, A., **Alipieva, K.**, **Antonova, D.**, Lacheva, M., Gjosheva, M., Popov, S., **Bankova, V.**. GC-MS studies of the chemical composition of two inedible mushrooms of the genus Agaricus. Chemistry Central Journal, 1, 2007, Article33

Цитирана се е:

1063. Mahdizadeh, V., Safaie, N., Goltapeh, E.M., Asef, M.R., Hosseini, S.M.N., Callac, P. Agaricus section Xanthodermatei in Iran. Phytotaxa, 247 (3), 181-196., @2016
1064. Johnathan, M., Nurul, A.A., Ezumi, M.F., Gan, S.H. Gas chromatography mass spectrometry analysis of volatile compounds from lignosus rhinocerus (Tiger milk mushroom) . Research Journal of Pharmaceutical, Biological and Chemical Sciences, 7 (4), 5-16., @2016
1065. Panthong, S., Boonsathorn, N., Chuchawankul, S. Antioxidant activity, anti-proliferative activity, and amino acid profiles of ethanolic extracts of edible mushrooms. Genetics and Molecular Research, 15 (4), Article number gmr15048886., @2016
1066. Mahdizadeh, V., N. Safaie, E.M. Goltapeh, M.R. Asef, S.M.N. Hosseini, P. Callac. Phytotaxa, [S.l.], 247(3), 181–196, @2016
1067. Johnathan, M., Nurul, A.A., Ezumi, M.F., Gan, S.H. Research Journal of Pharmaceutical, Biological and Chemical Sciences 7(4), 5-16, @2016
1068. Panthong, S., Boonsathorn, N., Chuchawankul, S. Genetics and Molecular Research, 15(4), art. no. gmr15048886, @2016
304. Tzvetkova, P., **Simova, S.**, Luy, B.. P.E.HSQC: A simple experiment for simultaneous and sign-sensitive measurement of (1JCH + DCH) and (2JHH + DHH) couplings. Journal of Magnetic Resonance, 186, 2, Elsevier, 2007, ISSN:1090-7807, DOI:10.1016/j.jmr.2007.02.009, 193-200. SJR:1.029, ISI IF:2.51

Цитирана се е:

1069. Bernášek, K., Grocký, M., Burian, M., Lang, J., Stretched Gelatin Phantom for Detection of Residual Dipolar Couplings in MR Spectra and Data Analysis of Carnosine, Journal of Spectroscopy, 2016., @2016
305. **Momchilova, Sv.**, **Nikolova-Damyanova, B.**. Quantitative TLC and Gas chromatography determination of the lipid composition of raw and microwaved roasted walnuts, hazelnuts, and almonds. Journal of Liquid Chromatography & Related Technologies, 30, 15, Taylor & Francis Group, 2007, ISSN:1082-6076, DOI:10.1080/10826070701451647, 2267-2285. SJR:0.289, ISI IF:1.026

Цитирана се е:

1070. Poltronieri, P., Santino, A., Ciarmiello, L.F., Hubert, J., Application of microwave and RF in food processing, microorganisms and pest control, Mediterranean Microwave Symposium, 2016, Volume 2016-January, Article number 7375434, @2016

1071. Zhou, Y., Fan, W., Chu, F., Pei, D., Improvement of the Flavor and Oxidative Stability of Walnut Oil by Microwave Pretreatment, Journal of the American Oil Chemists' Society, 2016, Volume 93 (11), Pages 1563-1572, @2016

306. Philipov, S., Istatkova, R., Yadamsuren, G.O., Samdan, J., Dangaa, S.. A new 8,14-dihydropromorphinan alkaloid from Papaver nudicaule L.. Natural Product Research, 21, 9, 2007, ISSN:1478-6419, 852-856. ISI IF:0.919

Цумура се в:

1072. Stephen, D., Euan, G., Paul, R., Angela, R., Andrew, S., James, T., Jonathan, W. Strategies for the construction of morphinan alkaloid AB-rings: regioselective Friedel-Crafts-type cyclisations of γ -aryl- β -benzoylamido acids with asymmetrically substituted γ -aryl rings. Tetrahedron: Asymmetry, (2016), 27(6), 274-284., @2016

1073. Huang, Z. , He, J. , Zhong, X.-J., Guo, H.-D. , Jin, S.-H., Li, X., Sun, L.-X. Molecular cloning and characterization of a novel freezing-inducible DREB1/CBF transcription factor gene in boreal plant Iceland poppy (Papaver nudicaule). Genet. Mol. Biol., (2016), 39(4), 616-628., @2016

307. Callen, M., De la Cruz, T., **Marinov, S.P., Stefanova, M.,** Mastral, M.. Flue gas cleaning in power stations by using electron beam technology. Influence on PAH emissions. Fuel Processing Technology, 88, 3, Elsevier, 2007, ISSN:0378-3820, DOI:10.1016/j.fuproc.2006.10.006, 251-258. SJR:1.571, ISI IF:4.031

Цумура се в:

1074. Zaki S. Seddigia*, Saleh A. Ahmedb*, Ali Bumajdadc*, Mohammed A. Gonadald*, Ekram Y. Danishe*, Ahmed M. Shawkyf* & Naeema H. Yarkandib , Photocatalytic degradation of tert-butyl alcohol and tert-butyl formate using palladium-doped zinc oxide nanoparticles with UV irradiation, Desalination and Water Treatment, Volume 57, Issue 1, 2016, pages 268-277., @2016

1075. Gerasimov, G. Modeling study of polychlorinated dibenzo-p-dioxins and dibenzofurans behavior in flue gases under electron beam irradiation. Chemosphere, 158, pp.100-106, (2016), @2016

308. Callen, M., De la Cruz, T., **Marinov, S.P.,** Mastral, A., Murillo, R., **Stefanova, M..** Hot gas cleaning in power stations by using electron beam technology. Influence on PAH emissions. Fuel Processing Technology, 88, 3, Elsevier, 2007, ISSN:0146-6380, DOI:10.1016/j.fuproc.2006.10.004, 273-280. SJR:1.571, ISI IF:4.031

Цумура се в:

1076. Zaki S. Seddigia*, Saleh A. Ahmedb*, Ali Bumajdadc*, Mohammed A. Gonadald*, Ekram Y. Danishe*, Ahmed M. Shawkyf* & Naeema H. Yarkandib , Photocatalytic degradation of tert-butyl alcohol and tert-butyl formate using palladium-doped zinc oxide nanoparticles with UV irradiation, Desalination and Water Treatment, Volume 57, Issue 1, 2016, pages 268-277., @2016

309. Guillaume, M., Champagne, B., **Markova, N., Enchev, V.,** Castet, F.. Ab initio investigation on the second-order nonlinear optical responses in keto-enol equilibria of salicylideneanilines. Journal of Physical Chemistry A, 111, ACS, 2007, 9914-9923. ISI IF:2.693

Цумура се в:

1077. Dubonosov, A. D., Bren, V. A., Minkin, V. I. "Enolimine-Ketoenamine Tautomerism for

Chemosensing: Concepts and Applications in Science and Technology” in Tautomerism: Concepts and Applications in Science and Technology, 2016, Pages 229-252, Edited by Liudmil Antonov, Wiley-VCH Verlag GmbH & Co., @2016

1078. Adriano Jr L., Fonseca T.L., Castro M.A., J. Chem. Phys. 144 (2016) 234511, @2016

1079. Presti, D., Labat, F., Pedone, A., Frisch, M. J., Hratchian, H. P., Ciofini, I., Menziani, M. C., Adamo, C., Modeling emission features of salicylidene aniline molecular crystals: A QM/QM' approach, J. Comp. Chem., 2016, Volume 37, Pages 861-870, @2016

310. Todorova, M., Trendafilova, A., Mikhova, B., Vitkova, A., Duddeck, H.. Terpenoids from *Achillea distans* Waldst.&Kit. ex Willd. Biochememical Systematics and Ecology, 35, 12, Elsevier, 2007, ISSN:0305-1978, DOI:10.1016/j.bse.2007.03.019, 852-858. SJR:0.414, ISI IF:1.089

Цумура се в:

1080. Mohamed, A.E.-H.H., Mohamed, N.S., Hamed, A.R., Hegazy, M.-E.F. Anti-inflammatory activity of highly oxygenated terpenoids from *Achillea biebersteinii* Afan (2016) Zeitschrift fur Naturforschung - Section C Journal of Biosciences, 71 (11-12), pp. 429-432, @2016

311. Tsoncheva, T., Vankova, S., Bozhkov, O., Mehandjiev, D.. Rhenium and manganese modified activated carbon as catalyst for methanol decomposition. Canadian Journal of Chemistry, 85, NRC Research Press, 2007, 118-123. ISI IF:0.9

Цумура се в:

1081. Luo, W., Lyu, Y., Gong, L., Jiang, M., Ding, Y., The influence of impregnation sequence on glycerol hydrogenolysis over iridium-rhenium catalyst, @2016

1082. Luo, W., Lyu, Y., Gong, L., Wang, T., Ding, Y., Selective hydrogenolysis of glycerol to 1, 3-propanediol over egg-shell type Ir-ReOx catalysts, @2016

312. Shchavlev A.E., Pankratov A.N., Enchev V.. Intramolecular hydrogen-bonding interactions in 2-nitrosophenol and nitrosonaphthols: ab initio, DFT and NMR theoretical study. Journal of Physical Chemistry A, 111, 30, American Chemical Society, 2007, ISSN:1089-5639, DOI:10.1021/jp068540r, 7112-7123. ISI IF:2.883

Цумура се в:

1083. Zhang W., Wei G., Wang Z., Ma J., Zhu C., Cheng Y., Polymer 101 (2016) 93, @2016

1084. Suryawanshi N.S., Dhapte V.V., Int. J. Multifaceted & Multilingual Studies 3 (2016) 1, @2016

313. Siddiqui, N.I., Idakieva, K., Demarsin, B., Doumanova, L., Compennolle, F., Gielens, C.. Involvement of glycan chains in the antigenicity of *Rapana thomasiana* hemocyanin. BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, 361, ACADEMIC PRESS INC ELSEVIER SCIENCE, 525 B ST, STE 1900, SAN DIEGO, CA 92101-4495 USA, 2007, 705-711. ISI IF:2.749

Цумура се в:

1085. Eckmair, B., Ch. Jin, D. Abed-Navandi, K. Paschinger, Molecular and Cellular Proteomics, 15 (2), 573-597, @2016

1086. Zanjani, N.T., M.M. Saksena, P. Valtchev, R. J. Diefenbach, L. Hueston, E. Diefenbach, F. Sairi, V.G. Gomes, A.L. Cunningham, F. Dehghani, Antimicrobial agents and Chemotherapy, 60 (2), 1003-1012, @2016

1087. Wu, J., A. L. Cunningham, F. Dehghani, R. J. Diefenbach, Gene Reports, 4, 123- 130, @2016

- 314. Petrova, B., Budinova, T.,** Ekinici, E., **Petrov, N.,** Ferhat Yardim, M.. Influence of pitch composition and surface properties of petroleum coke on their interaction during the preparation of carbon/carbon composites. Carbon, 45, 4, Elsevier, 2007, ISSN:0008-6223, DOI:10.1016/j.carbon.2006.12.004, 704-709. SJR:1.996, ISI IF:6.89

Цумупа се в:

- 1088.** Huang, X., Kocaefe, D., Kocaefe, Y., Bhattacharyay, D., Interaction of bio-coke with different coal tar pitches, Fuel, 179, pp. 179-192. DOI: 10.1016/j.fuel.2016.03.058., @2016
- 1089.** Huang, X., Kocaefe, D., Kocaefe, Y., Bhattacharyay, D., Wettability of bio-coke by coal tar pitch for its use in carbon anodes, Colloids and Surfaces A: Physicochemical and Engineering Aspects, 490, pp. 133-144. DOI: 10.1016/j.colsurfa.2015.11.044., @2016
- 315.** Gotsev, M.G., **Ivanov, P.M.** Large-ring cyclodextrins. A molecular dynamics study of the conformational dynamics and energetics of CD10, CD14 and CD26. Arkivoc, 13, 2007, 167-189. ISI IF:1.165

Цумупа се в:

- 1090.** Khuntawee, W., Rungrotmongkol, T., Wolschann, P., Okumura, H., Hannongbua, S., Conformational study of epsilon-cyclodextrin: Replica exchange molecular dynamics simulations, Carbohydrate Polymers, 141 (2016) 99-105, @2016
- 316.** Maestre, I., Bea, I., **Ivanov, P.M.,** Jaime, C.. Structural Dynamics of Some Large-Ring Cyclodextrins (LR-CDs). A Molecular Dynamics Study: An Analysis of Force Field Performance. Theoretical Chemistry Accounts, 117, 2007, 85-97. ISI IF:1.722

Цумупа се в:

- 1091.** Khuntawee, W., Rungrotmongkol, T., Wolschann, P., Okumura, H., Hannongbua, S. Conformation study of epsilon-cyclodextrin: Replica exchange molecular dynamics simulations, Carbohydrate Polymers, 141 (2016) 99-105, @2016
- 1092.** Assaf, K.I., Gabel, D., Chen, C., Mo, H., Liang, G. High-affinity host-guest chemistry of large-ring cyclodextrins, Organic and Biomolecular Chemistry, 14 (2016) 7702-7706, @2016
- 317.** Trusheva, B., Trunkova, D., **Bankova, V.** Different Extraction Methods of Biologically Active Components from Propolis: a preliminary study. Chemistry Central Journal, 1, 1, 2007, Art No 13

Цумупа се в:

- 1093.** Dagnaw, W., Mekonnen, A. "Preliminary phytochemical investigation and in vitro anthelmintic activities of Maesa lanceolata solvent extracts against Lymnatis nilotica (aquatic leech)", Journal of Coastal Life Medicine 4(1), 50-52 (2016)., @2016
- 1094.** Barbosa, S. R. M., Holanda, G. C., da Costa, L. A. M. A., Flach, A. "Teor de fenólicos e atividade antioxidante de própolis em áreas de floresta e savana de Roraima", Revista de Ciencia e Tecnologia 2(3), (2016)*, <http://revista.ufr.br/rct/article/viewFile/3869/2082>, @2016
- 1095.** Shabbir, A., Rashid, M., Tipu, H. N. "Propolis, a hope for the future in treating resistant periodontal pathogens", Cureus 8(7), Art ID e682 (2016)., @2016
- 1096.** Vinodhkumar, M., Brindha, V., Kanagaraj, J., Tamilselvi, A., Sadulla, S. "Phyto-based preservation of raw skins for salinity reduction in tannery wastewater", Revista de Pielarie Incaltaminte 16(2), 113-132 (2016)., @2016
- 1097.** Šuran, J., Matanović, K., Brozić, D., Mašek, T., Mačesić, N., Radin, L., Aladrović, J., Božić, F.,

Martinec, B. Š., Lipar, M., Smolec, O., Benić, M., Radić, B., Bačić, G. "Antimicrobial Activity of Propolis and its potential Uses in Veterinary Medicine" (in Croatian), Veterinarska stanica 47(4), 381-385 (2016)., @2016

1098. Onbas, R., Kazan, A., Nalbantsoy, A., Yesil-Celiktas, O. "Cytotoxic and Nitric Oxide Inhibition Activities of Propolis Extract along with Microencapsulation by Complex Coacervation", Plant Foods Hum Nutr 71(3), 286-293 (2016)., @2016
1099. Aminuddin, M. F., Basri, A. M., Taha, H., Abidin, A. M., Ahmad, N. "Antimicrobial activities of soaps containing Senna alata leaf extract", Scientia Bruneiana 15, 44-47 (2016)., @2016
1100. Tsibranska, I., Tylkowski, B. "Solid-liquid extraction of bioactive compounds: effect of polydispersity and particle size evolution", J Chem Technol Metall 51(5), 489-499 (2016)., @2016
1101. Suwarni, E., Cahyadi, K. D. "Free-radical scavenging activity of ethanol extract of kecombrang flowers (*Etlingera elatior*) with the DPPH method" (in Indonesian), Medicamento 1(2), Art No 3, 8 pages (2016)., @2016
1102. Khacha-ananda, S., Tragoolpua, K., Chantawannakul, P., Tragoolpua, Y. "Propolis extracts from the northern region of Thailand suppress cancer cell growth through induction of apoptosis pathways", Invest New Drugs 34(6), 707-722 (2016)., @2016
1103. de Lima, G. G., de Souza, R. O., Bozzi, A. D., Poplawska, M. A., Devine, D. M., Nugent, M. J. D. "Extraction method plays critical role in antibacterial activity of propolis-loaded hydrogels", Journal of Pharmaceutical Sciences 105(3), 1248-1257 (2016)., @2016
1104. Sforcin, J. M. "Biological properties and therapeutic applications of propolis", Phytother Res 30(6), 894-905 (2016)., @2016
1105. Nugitragson, P., Puthong, S., Iempridee, T., Pimtong, W., Pornpakakul, S., Chanchao, C. "In vitro and in vivo characterization of the anticancer activity of Thai stingless bee (*Tetragonula laeviceps*) cerumen", Exp Biol Med (Maywood) 241(2), 166-176 (2016)., @2016
1106. Patel, S. "Emerging adjuvant therapy for cancer: propolis and its constituents", J Diet Suppl 13(3), 245-268 (2016), @2016

318. **Bankova, V., Popova, M., Trusheva, B.** Plant origin of propolis: latest developments and importance for research and medicinal use. Apicultura De la Stiinta la Agribusiness Si Apiterapie, Editura Academic Pres, Cluj Napoca, Romania, 2007, ISBN:978-973-744-072-3, 40-46

Цитира се в:

1107. Grobler, S. R., Olivier, A., Kruijsse, H. W., Perchyonok, V. T. "Cytotoxicity of different degrees of deacetylated chitosan on 3T3- and two human tooth fibroblast cell-lines", Int J Dentistry Oral Sci 3(10), 337-339 (2016)., @2016

319. Kamada, K., **Antonov, L.**, Yamada, S., Ohta, K., Yoshimura, T., Tahara, K., Inaba, A., Sonoda, M., Tobe, Y.. Two-Photon Absorption Properties of Dehydrobenzo[12]annulenes and Hexakis(phenylethynyl)benzenes: Effect of Edge-Linkage. ChemPhysChem, 8, 18, 2007, DOI:10.1002/cphc.200700555, 2671-2677. ISI IF:3.419

Цитира се в:

1108. Crowe, J.W., Baldwin, L.A., McGrier, P.L., Luminescent Covalent Organic Frameworks Containing a Homogeneous and Heterogeneous Distribution of Dehydrobenzoannulene Vertex Units, Journal of the American Chemical Society, 2016, Volume 138, Pages 10120-10123, @2016
1109. Kozák, O., Sudolská, M., Pramanik, G., Cígler, P., Otyepka, M., Zbořil, R., Photoluminescent

1110. Xiang, Y., Wang, Q., Wang, G., Li, X., Zhang, D., Jin, W., Synthesis and coordination of star-shaped electron-deficient hexaheteroarylbenzene derivatives containing three pyrimidylbenzene derivatives, Tetrahedron, 2016, Volume 72, Pages 2574-2580, @2016
320. Ohta, K., Antonov, L., Yamada, S., Kamada, K.. Theoretical study of the two-photon absorption properties of several asymmetrically substituted stilbenoid molecules. Journal of Chemical Physics, 127, 8, 2007, DOI:10.1063/1.2753490, 084504-1-084504-12. ISI IF:2.952

Цумура се в:

1111. Ueda, M., Terazawa, S., Deguchi, Y., Kimura, M., Matsubara, N., Miyagawa, S., Kawasaki, T., Tokunaga, Y., Five-State Molecular Shuttling of a Pair of [2]Rotaxanes: Distinct Outputs in Response to Acid and Base Stimuli, @2016
1112. Isozaki, T., Oba, H., Ikoma, T., Suzuki, T., Simultaneous Two-Photon Absorption to Gerade Excited Singlet States of Diphenylacetylene and Diphenylbutadiyne Using Optical-Probing Photoacoustic Spectroscopy, @2016
1113. Sui, B., Bondar, M.V., Anderson, D., Rivera-Jacquez, H.J., Masunov, A.E., Belfield, K.D., New Two-Photon Absorbing BODIPY-Based Fluorescent Probe: Linear Photophysics, Stimulated Emission, and Ultrafast Spectroscopy, @2016
1114. Krawczyk, P., Pietrzak, M., Janek, T., Jędrzejewska, B., Cysewski, P., Spectroscopic and nonlinear optical properties of new chalcone fluorescent probes for bioimaging applications: a theoretical and experimental study, @2016
1115. Liu, T., Bondar, M.V., Belfield, K.D., Anderson, D., Masunov, A.E., Hagan, D.J., Van Stryland, E.W., Linear Photophysics and Femtosecond Nonlinear Spectroscopy of a Star-Shaped Squaraine Derivative with Efficient Two-Photon Absorption, @2016
321. Mantareva, V., Kussovski, V., Angelov, I., Borisova, E., Avramov, L., Schnurpfeil, G., Wohrle, D.. Photodynamic activity of water-soluble phthalocyanine zinc(II) complexes against pathogenic microorganisms.. Bioorg. & Med. Chem., 15, 14, ELSEVIER, 2007, ISSN:0968-0896, DOI:10.1016/j.bmc.2007.04.069, 4829-4835. SJR:0.874, ISI IF:2.793

Цумура се в:

1116. S.M. Banerjee, A.J. MacRobert, C.A. Mosse, B. Periera, S.G. Bown, M.R.S. Keshtgar, Photodynamic therapy: Inception to application in breast cancer, The Breast, 31, 2016, 105-113, @2016
1117. Osifeko, O.L., Uddin, I., Mashazi, P.N., Nyokong, T., Physicochemical and antimicrobial photodynamic chemotherapy of unsymmetrical indium phthalocyanines alone or in the presence of magnetic nanoparticles, 2016, New Journal of Chemistry, 40 (3), 2710-2721., @2016
1118. Sobotta, L., Wierzchowski, M., Mierzwicki, M., (...), Goslinski, T., Balzarini, J., Photochemical studies and nanomolar photodynamic activities of phthalocyanines functionalized with 1, 4, 7-trioxanonyl moieties at their non-peripheral positions., 2016, Journal of Inorganic Biochemistry, 155, p. 76-81, @2016
1119. Zheng, B.-Y., Ke, M.-R., Lan, W.-L., (...), Cheong, L.-Z., Huang, J.-D., Mono- and tetra-substituted zinc(II) phthalocyanines containing morpholinyl moieties: Synthesis, antifungal photodynamic activities, and structure-activity relationships., 2016, European Journal of Medicinal Chemistry, 114, p380-389, @2016
322. Choudhary, M.I, Jalil, S., Todorova, M., Trendafilova, A., Mikhova, B., Duddeck, H.. Inhibitory

effect of lactone fractions and individual components from three species of the *Achillea millefolium* complex of Bulgarian origin on the human neutrophils respiratory burst activity. *Natural Product Research*, 21, 11, Taylor & Francis, 2007, ISSN:1478-6419, DOI:10.1080/14786410701369623, 1032-1036. SJR:0.302, ISI IF:0.78

Цумура се в:

1120. Freysdottir, J., Logadottir, O.T., Omarsdottir, S.S., Vikingsson, A., Hardardottir, I. A polysaccharide fraction from *Achillea millefolium* increases cytokine secretion and reduces activation of Akt, ERK and NF- κ B in THP-1 monocytes (2016) *Carbohydrate Polymers*, 143, pp. 131-138, @2016

2008

323. Staneva, J., **Todorova, M.**, Evstatieva, L.. Sesquiterpene lactones as chemotaxonomic markers in genus *Anthemis*. *Phytochemistry*, 69, 2008, ISSN:0031-9422, 607-618. SJR:0.936, ISI IF:3.196

Цумура се в:

1121. Essential Oils from *Anthemis maritima* Flowers: Intraspecific Variability along the Adriatic Coast (Italy), @2016
1122. Ethnopharmacological survey on medicinal plants used in herbal drinks among the traditional communities of Pakistan, @2016
1123. Development of anticancer agents from plant-derived sesquiterpene lactones, @2016
324. Szegedi, A., **Popova, M.**, **Mavrodinova, V.**, Minchev, C.. Cobalt-containing mesoporous silicas-Preparation, characterization and catalytic activity in toluene hydrogenation. *Applied Catalysis A: General*, 338, 1-2, Elsevier, 2008, ISSN:0926860X, DOI:10.1016/j.apcata.2007.12.017, 44-51. ISI IF:3.977

Цумура се в:

1124. Suppino, R.S., Landers, R., Cobo, A.J.G., Influence of noble metals (Pd, Pt) on the performance of Ru/Al₂O₃ based catalysts for toluene hydrogenation in liquid phase, *Applied Catalysis A: General*, 525, pp. 41-49, @2016, @2016
1125. Pan, G.-Y., Ma, Y.-L. , Ma, X.-X., Sun, Y.-G., Lv, J.-M., Zhang, J.-L., Catalytic hydrogenation of corn stalk into polyol over Ni-W/MCM-41 catalyst , *Chemical Engineering Journal*, 299, pp. 386-392, @2016, @2016
1126. Dragoi, B., Ungureanu, A., Ciotonea, C., Chirieac, A., Petit, S., Royer, S., Dumitriu, E., Controlling the distribution of cobalt (oxide) nanoparticles in the dual pore system of SBA-15 scaffolds, *Microporous and Mesoporous Materials*, 224, pp. 176-189, @2016, @2016
1127. Karnjanakom, S., Guan, G., Asep, B., Hao, X., Kongparakul, S., Samart, C., Abudula, A., Catalytic Upgrading of Bio-Oil over Cu/MCM-41 and Cu/KIT-6 Prepared by β -Cyclodextrin-Assisted Coimpregnation Method , *Journal of Physical Chemistry C*, 120 (6), pp. 3396-3407, @2016, @2016
1128. Zhuang, Y., Lin, Q., Zhang, L., Luo, L., Yao, Y., Lu, W., Chen, W., Mesoporous carbon-supported cobalt catalyst for selective oxidation of toluene and degradation of water contaminants, *Particuology*, 24, pp. 216-222, @2016, @2016
325. **Denkova, P. S.**, Van, Lokeren L., Verbruggen, I., Willem, R.. Self-aggregation and supramolecular

structure investigations of triton X-100 and SDP2S by NOESY and diffusion ordered NMR spectroscopy. The Journal of Physical Chemistry B, 112, 35, American Chemical Society, 2008, ISSN:1520-5207, DOI:10.1021/jp802830g, 10935-10941. ISI IF:3.302

Цитирана се в:

1129. Giorgio, G., Colafemmina, G., Mavelli, F., Murgia, S., Palazzo, G. The impact of alkanes on the structure of Triton X100 micelles. RSC Advances, 6 (1), 825-836, (2016)., @2016
1130. Sar, P., Ghosh, A., Malik, S., Ray, D., Das, B., Saha, B. Selective heteroaromatic nitrogen base promoted chromium(VI) oxidation of isomeric pentanols in aqueous micellar media at room temperature. Journal of Industrial and Engineering Chemistry, 42, 53-62, (2016)., @2016
1131. Qin, D., Liu, Z., Bai, H., Sun, D.D., Song, X. A new nano-engineered hierarchical membrane for concurrent removal of surfactant and oil from oil-in-water nanoemulsion. Scientific Reports, 6, art. no. 24365, (2016)., @2016
326. Stavrakov, G., **Simova, S., Dimitrov, V.** Synthesis and absolute configuration of planar chiral ferrocenophanes by amide-directed ortho-lithiation. Tetrahedron: Asymmetry, 19, 18, Elsevier Ltd., 2008, ISSN:09574166, DOI:doi:10.1016/j.tetasy.2008.09.013, 2119-2122. ISI IF:2.796

Цитирана се в:

1132. Маринова, М., Синтетична стратегия за получаване на съединения с централна и осева хиралност с приложение в асиметричния синтез, ИОХЦФ, @2016
327. Tuleva, B., Christova, N., Cohen, R., Stoev, G., **Stoineva, I.** Production and structural elucidation of trehalose tetraesters (biosurfactants) from a novel alkanotrophic Rhodococcus wratislaviensis strain.. Journal of Applied Microbiology, 104, Wiley, 2008, ISSN:13645072, DOI:10.1111/j.1365-2672.2007.03680.x, 1703-1710

Цитирана се в:

1133. Francis, I. M., Stes, E., Zhang, Y., Rangel, D., Audenaert, K., & Vereecke, D., Mining the genome of Rhodococcus fascians, a plant growth-promoting bacterium gone astray. New Biotechnology., @2016
1134. Kokufuta E., Encyclopedia of Biocolloid and Biointerface Science, Volume 1, First Edition. Edited by Hiroyuki Ohshima. © 2016 John Wiley & Sons, Inc. Published 2016 by John Wiley & Sons, Inc., Biosurfactants, 231-243 DOI:10.1002/9781119075691.ch17, @2016
1135. Laikov, A. V., Boulygina, E. A., Romanova, V. A., & Grigorieva, T. V. "Characterization of novel alkane-degrading and biosurfactant-producing strain Tsukamurella tyrosinosolvens ps2. "The tenth, 168., @2016
1136. Филонов, А. Е. „Термотолерантните бактерии-деструктори на углеводородите на нефт“ Специалност 03.01. 06–Биотехнология (в том числе бионанотехнологии)., @2016
1137. Paulino, B. N., Pessôa, M. G., Mano, M. C. R., Molina, G., Neri-Numa, I. A., & Pastore, G. M. , Current status in biotechnological production and applications of glycolipid biosurfactants. Applied Microbiology and Biotechnology, 1-29., @2016
328. Kleinpeter, E., **Stamboliyska, B. A.** Quantification of the push-pull character of donor-acceptor triazines. Journal of Organic Chemistry, 73, American Chemical Society, 2008, ISSN:0022-3263, DOI:10.1021/jo8013758, 8250-8255. SJR:1.777

Цитирана се в:

1138. Jagadeesan, R., Velmurugan, G., Venuvanalingam, P., Rational design of cyclopenta [b]

naphthalenes for better optoelectronic applications and their photophysical properties using DFT/TD-DFT methods, RSC Advances, 2016, 6, 44569-44577., @2016

1139. Patil, S., Bugarin, A., Fifty Years of π -Conjugated Triazenes. European Journal of Organic Chemistry, 2016, 2016, 860-870., @2016

329. Spasova, M., **Philipov, S.**, Nikolaeva-Glomb, L., Galabov, A.S., Milkova, Ts.. Cinnamoyl- and hydroxycinnamoyl amides of glaucine and their antioxidative and antiviral activities. Bioorganic and Medicinal Chemistry, 16, 15, 2008, ISSN:0968-0896, 7457-7461. ISI IF:2.793

Цумура се в:

1140. Rangriz, E., Mousavi, Z., Najafizadeh, P., Asgarpanah, J. Antinociceptive effect of the endemic species *Glaucium vitellinum* boiss and buhse. Jundishapur Journal of Natural Pharmaceutical Products (2016) 11 (1) Article number e24829, @2016

1141. Arafa, A.M., Mohamed, M.E.-S., Eldahmy, S.I. The aerial parts of yellow horn poppy (*Glaucium flavum* cr.) growing in Egypt: Isoquinoline alkaloids and biological activities. Journal of Pharmaceutical Sciences and Research (2016) 8 (5) 323-332., @2016

330. **Stoyanov, S. S., Popova, A. D.**, Tsenov, J. A.. IR spectra and structure of 3,5,5-trimethyl(cyclohex-2-enylidene) malononitrile and its potassium cyanide and sodium methoxide carbanionic adducts: experimental and B3LYP studies. Bulgarian chemical communications, 40, 4, Bulgarian Academy of Sciences, Sofia, BULGARIA (1992) (Revue), 2008, ISSN:0861-9808, 538-545. ISI IF:0.349

Цумура се в:

1142. Tautomerization, acidity, basicity, and stability of cyanoform: A computational study, @2016

331. **Batovska, D.I.**, Todorova, I.T., Nedelcheva, D.V., **Parushev, S.P.**, Atanassov, A.I., Hvarleva, T.D., Djakova, G.J., **Bankova, V.S.**, Popov, S.S.. Preliminary study on biomarkers for the fungal resistance in *Vitis vinifera* leaves. Journal of Plant Physiology, 165, 8, Urban und Fischer Verlag GmbH und Co. KG, 2008, ISSN:0176-1617, DOI:10.1016/j.jplph.2007.09.005, 791-795. SJR:1.004, ISI IF:2.557

Цумура се в:

1143. Bi, Q., Ma, Z. Crop Protection 89, 265-272, @2016

1144. Ragasa, C.Y., N.M. Panajon, F.B. Aurigue, R. Brkljača, S. Urban. International Journal of Pharmacognosy and Phytochemical Research 8(12); 2033-2038, @2016

332. **Batovska; D. I.**, Todorova; I. T., **Bankova, V.**, Parushev; S. P., Atanassov; A. I., Hvarleva; T. D., Djakova; G. J., Popov, S. S.. Seasonal variations in the chemical composition of vine-grape leaf surface. Natural Product Research, 22, 14, 2008, ISSN:1478-6419, 1237-1242. ISI IF:0.9

Цумура се в:

1145. Millán, M., M.C. Sampedro, A. Sánchez, C. Delporte, P. Van Antwerpen, M.A. Goicolea, R.J. Barrio, Journal of Chromatography A 1454, 67-77, @2016

1146. Páscoa, R.N.M.J., M. Lopo, C.A. Teixeira dos Santos, A.R. Graça, J.A. Lopes. Computers and Electronics in Agriculture 27, 15-25, , @2016

333. **Stefanova, M.**, Simoneit, B.R.T.. "Polar aromatic biomarkers of Miocene-aged Chukurovo resinite and implication of the *Taxodium dubium* progenitor macrofossil. International Journal Coal Geology, 75, 2, Elsevier, 2008, ISSN:0166-5162, DOI:doi:10.1016/j.coal.2008.05.003, 166-174. ISI IF:2.542

Цумура се в:

1147. Shiri, R., Siabeghods, A., & Sabzi, R. (2016). First Report of Biomarkers from Tabriz Lignite Beds (NW Iran). *Universal Journal of Geoscience* 4(2): 15-22, 2016, @2016
1148. Paul, S., Dutta S. (2016) "Terpenoid composition of fossil resins from western India: New insights into the occurrence of resin-producing trees in Early Paleogene equatorial rainforest of Asia" *International Journal of Coal Geology*, v. 167, pp. 65-74, @2016
1149. Zubkova, V., & Witkiewicz, Z. (2016). Chromatographic analysis of chemical compositions of coals and changes in them during technological processing. *Critical Reviews in Environmental Science and Technology*, (just-accepted), 00-00., @2016

334. Kolev, T.M., Yancheva, D.Y., Stamboliyska, B.A., Dimitrov, M.D., Wortmann, R.. Nonlinear optical properties of pyridinium-betaines of squaric acid: Experimental and theoretical study. *Chemical Physics*, 348, 1-3, Elsevier, 2008, ISSN:0301-0104, DOI:10.1016/j.chemphys.2008.02.018, 45-52. SJR:0.611, ISI IF:1.652

Цумура се в:

1150. Korkmaz, U., Bulut, I., Bulut, A., Crystal structure of 2-ethyl-4-methyl-1-(2-oxido-3, 4-dioxocyclobut-1-en-1-yl)-1H-imidazol-3-ium, *Acta Crystallographica Section E: Crystallographic Communications*, 2016, 72, 998-1001., @2016

335. Kratchanova, M., Gocheva, M., Pavlova, E., Yanakiev, I., Nedelcheva, D., Kussovski, V., Slavov, A.. Characteristics of pectic polysaccharides from leek obtained through consecutive extraction with various agents. *Bulgarian Chemical Communications*, 40, 4, 2008, 561-567

Цумура се в:

1151. Babbar, N., Roy, S.V., Wijnants, M., Sforza, S., Elst, K. (2016) Effect of Extraction Conditions on the Saccharide (Neutral and Acidic) Composition of the Crude Pectic Extract from Various Agro-Industrial Residues. *Journal of Agricultural and Food Chemistry*, 64 (1), pp. 268-276, @2016

336. Abrashev, R., Pashova, S., Stefanova, L., Vassilev, S., Dolashka-Angelova, P., Angelova, M.. Heat-shock-induced oxidative stress and antioxidant response in *Aspergillus niger* 26. *Canadian Journal of Microbiology*, 54, 12, 2008, ISSN:00084166, 977-983. SJR:0.488, ISI IF:1.102

Цумура се в:

1152. Characterization of a Decapentapletic Gene (AccDpp) from *Apis cerana cerana* and Its Possible Involvement in Development and Response to Oxidative Stress., @2016
1153. Ecology of aspergillosis: insights into the pathogenic potency of *Aspergillus fumigatus* and some other *Aspergillus* species., @2016

337. Mikhova, B., Stamboliyska, B., Koch, A., Duddeck, H., Kleinpeter, E.. DFT-GIAO-NBO and ¹³C NMR study of the δ -syn-axial effect in 2,4-disubstituted adamantanes. *Magnetic Resonance in Chemistry*, 46, 12, John Wiley and Sons Ltd, 2008, ISSN:0749-1581, 1153-1157. SJR:0.428

Цумура се в:

1154. Jung, H.Y., Lee, K.Y., Yoo, D.Y., Kim, J.W., Yoo, M., Lee, S., Yoo, K.-Y., Yoon, Y.S., Choi, J.H., Hwang, I.K. Essential oils from two *Allium* species exert effects on cell proliferation and neuroblast differentiation in the mouse dentate gyrus by modulating brain-derived neurotrophic factor and acetylcholinesterase (2016) *BMC Complementary and Alternative Medicine*, 16 (1), art. no. 431, @2016
1155. Sharifi-Rad, M., Mnayer, D., Tabanelli, G., Stojanovic-Radic, Z.Z., Sharifi-Rad, M., Yousaf, Z.,

338. bossi, A, Licandro, E, Maiorana, S, Rigamonti, C, Righetto, S, Stephenson, GR, **Spasova, M**, Botek, E, Champagne, B. Theoretical and Experimental Investigation of Electric Field Induced Second Harmonic Generation in Tetrathia[7]helicenes. J. Phys. Chem. C, 112, 21, ASC, 2008, ISSN:1932-7447, DOI:10.1021/jp7117554, 7900-7907. ISI IF:4.772

Цумура се в:

1156. X. Xu, W. Li, X. Zhou, Q. Wang, J. Feng, W. Q. Tian, Y. Jiang, Phys. Chem. Chem. Phys., 18 (2016) 3765. DOI: 10.1039/c5cp06726j, @2016
1157. M. J. Miah, M. Shahabuddin, M. Karikomi, M. Salim, E. Nasuno, N. Kato, K.-i. Iimura, Bull. Chem. Soc. Japan, 89 (2016) 203-211. DOI: 10.1246/bcsj.20150361, @2016
1158. T. Biet, K. Martin, J. Hankache, N. Hellou, A. Hauser, T. Bürgi, N. Vanthuyne, T. Aharon, M. Caricato, J. Crassous, N. Avarvari, Chemistry - A European Journal, xxx (2016) xxx. DOI: 10.1002/chem.201604471, @2016
1159. Y. Yamamoto, H. Sakai, J. Yuasa, Y. Araki, T. Wada, T. Sakanoue, T. Takenobu, T. Kawai, T. Hasobe, J. Phys. Chem. C, 120 (2016) 7421–7427. DOI: 10.1021/acs.jpcc.6b01123, @2016
1160. M. J. Miah, M. Shahabuddin, M. N. Kayes, M. Karikomi, E. Nasuno, N. Kato, K.-i. Iimura, Trans. Mater. Res. Soc. Japan, 41 (2016) 151-154. <http://doi.org/10.14723/tmrj.41.151>, @2016

339. **Tsoncheva, T.**, Rosenholm, J., Linden, M., Kleitz, F., Tiemann, M., Ivanova, L., **Dimitrov, M.**, Paneva, D., Mitov, I., Minchev, C.. Critical evaluation of the state of iron oxide nanoparticles on different mesoporous silicas prepared by an impregnation method. Microporous and Mesoporous Materials, 112, 1-3, Elsevier, 2008, ISSN:1387-1811, DOI:10.1016/j.micromeso.2007.10.005, 327-337. SJR:1.156, ISI IF:3.453

Цумура се в:

1161. Yang, F., Zhou, S., Wang, H., Liu, X., Kong, Y., A metal-assisted templating route (SOM+I-) for fabricating thin-layer CoO covered on the channel of nanospherical-HMS with improved catalytic properties, @2016
1162. Jeon, S., Oberreit, D.R., Van Schooneveld, G., Haynes, C.L., Hogan, C.J., Ion-Mobility-Based Quantification of Surface-Coating-Dependent Binding of Serum Albumin to Superparamagnetic Iron Oxide Nanoparticles, @2016
1163. Jeon, S., Hurley, K.R., Bischof, J.C., Haynes, C.L., Hogan, C.J., Quantifying intra- and extracellular aggregation of iron oxide nanoparticles and its influence on specific absorption rate, @2016

340. Razvigorova, M., **Budinova, T.**, **Tsyntsarski, B.**, **Petrova, B.**, Ekinici, E., Atakul, H.. The composition of acids in bitumen and in products from saponification of kerogen: Investigation of their role as connecting kerogen and mineral matrix. International Journal of Coal Geology, 76, 3, Elsevier, 2008, ISSN:0166-5162, DOI:10.1016/j.coal.2008.07.011, 243-249. SJR:2.982, ISI IF:7.445

Цумура се в:

1164. Glombitza, C., Mangelsdorf, K., Horsfield, B., Differences in bitumen and kerogen-bound fatty acid fractions during diagenesis and early catagenesis in a maturity series of New Zealand coals, International Journal of Coal Geology, Vol. 153, pp. 28-36. DOI: 10.1016/j.coal.2015.11.009., @2016

- 1165.** Alstadt, K.N., Katti, K.S., Katti, D.R., Nanoscale morphology of kerogen and in situ nanomechanical properties of green river oil shale, *Journal of Nanomechanics and Micromechanics*, Vol. 6, No 1, art. no. 04015003. DOI: 10.1061/(ASCE)NM.2153-5477.0000103., @2016
- 1166.** Zhang, Z., Yang, X., Jia, H., Zhang, H., Kerogen Beneficiation from Longkou Oil Shale Using Gravity Separation Method, *Energy and Fuels*, Vol. 30, No 4, pp. 2841-2845. DOI: 10.1021/acs.energyfuels.6b00136., @2016
- 1167.** Zhang, Z., Zhang, H., Yang, X., Jia, H., Mineralogical characterization and washability of Longkou oil shale, *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, Vol. 38, No 21, pp. 3255-3261. DOI: 10.1080/15567036.2016.1143889., @2016
- 341.** Tchorbanov, A., **Idakieva, K.**, Mihaylova, N., Doumanova, L.. Modulation of the immune response using *Rapana thomasiana* hemocyanin. *International Immunopharmacology*, 8, ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS, 2008, ISSN:1567-5769, 1033-1038. ISI IF:2.304

Цумура се в:

- 1168.** Natarajan, S.B., Kim, Y.-S., Hwang, J.-W., Park, P.-J., *RSC Advances*, 6 (31), 26163-26177, @2016
- 342. Petrov, N., Budinova, T.,** Razvigorova, M., Parra, J., Galiatsatou, P.. Conversion of olive wastes to volatiles and carbon adsorbents. *Biomass and Bioenergy*, 32, 12, Elsevier, 2008, ISSN:0961-9534, DOI:10.1016/j.biombioe.2008.03.009, 1303-1310. SJR:1.769, ISI IF:4.273

Цумура се в:

- 1169.** Cheng, S., Zhang, L., Xia, H., Zhang, S., Peng, J., Wang, S., Crofton weed derived activated carbon by microwave-induced KOH activation and application to wastewater treatment, *Journal of Porous Materials*, 23 (6), pp. 1597-1607. DOI: 10.1007/s10934-016-0221-0., @2016
- 1170.** Aller, M.F., Biochar properties: Transport, fate, and impact, *Critical Reviews in Environmental Science and Technology*, 46 (14-15), pp. 1183-1296. DOI:10.1080/10643389.2016.1212368., @2016
- 343. Budinova, T., Petrov, N.,** Parra, J.B., Baloutzov, V.. Use of an activated carbon from antibiotic waste for the removal of Hg(II) from aqueous solution. *Journal of Environmental Management*, 88, 1, Elsevier, 2008, ISSN:0301-4797, DOI:10.1016/j.jenvman.2007.02.005, 165-172. SJR:1.121, ISI IF:3.895

Цумура се в:

- 1171.** Yao, X., Wang, H., Ma, Z., Liu, M., Zhao, X., Jia, D., Adsorption of Hg(II) from aqueous solution using thiourea functionalized chelating fiber, (2016) *Chinese Journal of Chemical Engineering*, 24 (10), pp. 1344-1352. DOI: 10.1016/j.cjche.2016.07.008., @2016
- 1172.** Dong, L., Liu, W., Jiang, R., Wang, Z., Study on the adsorption mechanism of activated carbon removing low concentrations of heavy metals, *Desalination and Water Treatment*, 57 (17), pp. 7812-7822. DOI: 10.1080/19443994.2015.1100140., @2016
- 1173.** Kazemi, F., Younesi, H., Ghoreyshi, A.A., Bahramifar, N., Heidari, A., Thiol-incorporated activated carbon derived from fir wood sawdust as an efficient adsorbent for the removal of mercury ion: Batch and fixed-bed column studies, *Process Safety and Environmental Protection*, 100, pp. 22-35. DOI:10.1016/j.psep.2015.12.006., @2016
- 1174.** Xu, X., Schierz, A., Xu, N., Cao, X., Comparison of the characteristics and mechanisms of Hg(II) sorption by biochars and activated carbon, *Journal of Colloid and Interface Science*, 463,

344. **Idakieva, K.**, Nikolov, P., Chakarska, I., Shnyrov, V.L., Genov, N.. Spectroscopic properties and conformational stability of Concholepas concholepas hemocyanin. Journal of Fluorescence, 18, SPRINGER/PLENUM PUBLISHERS, 233 SPRING ST, NEW YORK, NY 10013 USA, 2008, ISSN:1053-0509, 715-725. ISI IF:1.726

Цумура се в:

1175. Zhong, T.-Y., S. Arancibia, R. Born, R. Tampe, J. Villar, M. Del Campo, A. Manubens, M. I. Becker, J. Immunol., 196, 4650-4662, @2016

345. Gonsalvesh, L., **Marinov, S.P., Stefanova, M.**, Yurum, Y., Dumanli, A. G., Dinler-Doganay, G., Kolankaya, N., Sam, M., Carleer, R., Reggers, G., Thijssen, E., Yperman, J.. Biodesulphurized subbituminous coal by different fungi and bacteria studied by reductive pyrolysis. Part 1: Initial coal.. Fuel, 87, 12, Elsevier, 2008, ISSN:0016-2361, DOI:10.1016/j.fuel.2008.01.030, 2533-2543. SJR:1.568, ISI IF:4.091

Цумура се в:

1176. SS Etemadzadeh, G Emtiazi, Z Etemadifar, Heterotrophic Bioleaching of Sulfur, Iron, and Silicon Impurities from Coal by Fusarium oxysporum FE and Exophiala spinifera FM with Growing and Resting Cells, Current Microbiology · February 2016., @2016

1177. Srabani Mishra, Nilotpala Pradhan, Sandeep Panda, A.Akcil, Biodegradation of Dibenzothiophene and its Application In the Production of Clean Coal, Fuel Processing Technology, V. 152 (2016) 325–342, DOI:10.1016/j.fuproc.2016.06.025., @2016

1178. Shamshiri Kourdestani, Shatav, Alireza Habibi, and Mojtaba Ahmadi. "Optimization of Lithotrophic Activities of Acidithiobacillus ferrooxidans toward Significant Reduction of Sulfur and Ash from Low Rank Bitumen." Geomicrobiology Journal (2016): 1-10, @2016

346. Genova-Kalou, P., Dundarova, D., **Idakieva, K.**, Mohmmmed, A., Dundarov, S., Argirova, R.. Anti-herpes effect of the hemocyanin derived from the mollusk Rapana thomasiana. ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, 62, VERLAG Z NATURFORSCH, POSTFACH 2645, 72016 TUBINGEN, GERMANY, 2008, 429-434. ISI IF:0.65

Цумура се в:

1179. Marshall, G., P. Valchev, F. Dehghani, V. G. Gomes, J. Therm. Anal Calorim., 123 (3), 2499-2505, @2016

1180. Zanjani, N.T., M.M. Saksena, P. Valtchev, R. J. Diefenbach, L. Hueston, E. Diefenbach, F. Sairi, V.G. Gomes, A.L. Cunningham, F. Dehghani, Antimicrobial agents and Chemotherapy, 60 (2), 1003-1012, @2016

347. Kleinpeter, E., Koch, A., **Mikhova, B., Stamboliyska, B.A.**, Kolev, T.M.. Quantification of the push-pull character of the isophorone chromophore as a measure of molecular hyperpolarizability for NLO applications. Tetrahedron Letters, 49, 8, Elsevier Limited, 2008, ISSN:0040-4039, 1323-1327. SJR:0.72

Цумура се в:

1181. Shreykar, M. R., Sekar, N., Resonance induced proton transfer leading to NIR emission in coumarin thiazole hybrid dyes: Synthesis and DFT insights, Tetrahedron Letters, 2016, 57, 4174-4177., @2016

348. Razvigorova, M., **Budinova, T., Petrova, B., Tsyntsarski, B.**, Ekinci, E., Ferhat Yardim, M.. Steam

pyrolysis of bulgarian oil shale kerogen. Oil Shale, 25, 1, Estonian Academy Publishers, 2008, ISSN:0208-189X, DOI:10.3176/oil.2008.1.04, 27-36. SJR:0.675, ISI IF:0.93

Цитирана се в:

1182. Saif, T., Lin, Q., Singh, K., Bijeljic, B., Blunt, M.J., Dynamic imaging of oil shale pyrolysis using synchrotron X-ray microtomography, Geophysical Research Letters, Vol. 43, No 13, pp. 6799-6807. DOI: 10.1002/2016GL069279., @2016

1183. Siramard, S., Lin, L., Zhang, C., Lai, D., Cheng, S., Xu, G., Oil shale pyrolysis in indirectly heated fixed bed with internals under reduced pressure, Fuel Processing Technology, Vol. 148, pp. 248-255. DOI: 10.1016/j.fuproc.2016.02.033., @2016

349. Златанов, М., Ангелова-Ромова, М., Антова, Г., Иванова, Е., Дамянова, Б., Момчилова, С., Маревков, И.. Фосфолипиден състав на масла от български сортове слънчоглед. Научни трудове на ПУ „П. Хилендарски”, 36, 5, ПУ „П. Хилендарски”, 2008, 105-110

Цитирана се в:

1184. Vassilevska-Ivanova, R.D., Shtereva, L., Stancheva, I., Geneva, M., Drought Stress Responses of Sunflower Germplasm Developed after Wide Hybridization, Turkish Journal of Agriculture - Food Science and Technology, 2016, Volume 4 (10), Pages 859-866, @2016

350. Stoyanov S. S., Tsenov J. A., Binev I. G.. IR spectral and structural changes, caused by the conversion of 4-cyanobenzamide into azanion: A combined experimental/computational approach. Bulgarian Chemical Communications Volume 40, Issue 4, 2008, Pages 520-525, 2008, ISI IF:0.229

Цитирана се в:

1185. Tautomerization, acidity, basicity, and stability of cyanoform: A computational study, @2016

351. Bankova, V., Trusheva, B., Popova, M.. New Developments in Propolis Chemical Diversity Studies (since 2000). Scientific Evidence of the Use of Propolis in Ethnomedicine (book), Transworld Research Network, Trivandrum, India, 2008, ISBN:978-81-7895-357-1, 1-13

Цитирана се в:

1186. Gođevac, D., Anđelković, B., Vajs, V., Tešević, V. "The effects of altitude on the chemical composition of Populus type propolis", Planta Med 81(S 01): S1-S381 DOI: 10.1055/s-0036-1596367, @2016

1187. Al Gabbani, Q., Mansour, L., Elnakady, Y. A., Al-Quraishy, S., Alomar, S., Al- Shaebi, E. M., Abdel-Baki, A.- A. S. "In vivo assessment of the antimalarial and spleen-protective activities of the Saudi propolis methanolic extract", Parasitol Res, doi:10.1007/s00436-016-5318-5 (2016)., @2016

1188. Salas, A., Mercado, M. I., Zampini, I. C., Ponessa, G. I., Isla, M. I. "Determination of botanical origin of propolis from Monte Region of Argentina by histological and chemical methods", Nat Prod Commun 11(5), 627-630 (2016)., @2016

1189. Anđelković, B., Vujisić, L., Vučković, I., Tešević, V., Vajs, V., Gođevac, D. "Metabolomics study of Populus type propolis", J Pharmaceut Biomed Anal, In Press, doi: 10.1016/j.jpba.2016.12.003 (2016)., @2016

352. Petrova, A., Danova, K., Kapchina-Toteva, V.. Ecological evaluation and conservational value for Bulgaria of Hippophaë rhamnoides L. Total flavonoids determination and experiments on in vitro culture induction. Comptes rendus de l'Académie bulgare des Sciences, 61, 3, 2008, 363-370. ISI IF:0.21

Цумура се в:

1190. Gupta, D., Kaul, V. (2016) Sea buckthorn leaves - a better substitute for green tea. Current Science, 110 (4), pp. 506-507., @2016
353. Rogojerov, M., Jordanov, B., Antonov, L., Hinrichs, K.. Determination of the average orientation of 4-phenylpyridine in nematic solvent by means of infrared linear dichroism: Study of its conformational dependence on the dihedral angle between aromatic rings. Journal of Molecular Structure, 875, 1-3, 2008, DOI:10.1016/j.molstruc.2007.05.037, 540-548. ISI IF:1.602

Цумура се в:

1191. Gros, C.R., Peprah, M.K., Felts, A.C., Brinzari, T.V., Risset, O.N., Cain, J.M., Ferreira, C.F., Meisel, M.W., Talham, D.R., Synergistic photomagnetic effects in coordination polymer heterostructure particles of Hofmann-like $\text{Fe(4-phenylpyridine)2[Ni(CN)4]}\cdot 0.5\text{H}_2\text{O}$ and $\text{K0.4Ni[Cr(CN)6]0.8}\cdot n\text{H}_2\text{O}$, Dalton Transactions, 2016, Volume 45, Pages 16624-16634, @2016
354. Lahtchev, K.L., Batovska, D.I., Parushev, St.P., Ubiyvovk, V.M., Sibirny, A.A.. Antifungal activity of chalcones: A mechanistic study using various yeast strains. European Journal of Medicinal Chemistry, 43, 10, Elsevier Masson SAS, 2008, ISSN:0223-5234, DOI:10.1016/j.ejmech.2007.12.027, 2220-2228. SJR:1.004, ISI IF:3.447

Цумура се в:

1192. Asif, M., A review on recent advances and potential pharmacological activities of versatile chalcone molecule, Chemistry International, 2 (1), 2016, 1-18., @2016
355. Hristova, R., Dolashki, A., Voelter, W., Stevanovic, S., Dolashka, P.. O-diphenol oxidase activity of molluscan hemocyanins. Comp. Biochem Physiol. Part, 149, 3, Elsevier, 2008, ISSN:1096-4959, 439-446. SJR:0.9, ISI IF:1.468

Цумура се в:

1193. Controlling Dicopper Protein Functions., @2016
1194. Immunological properties of oxygen-transport proteins: hemoglobin, hemocyanin and hemerythrin., @2016
1195. Differential Protein Expression in the Hemolymph of Bithynia siamensis goniomphalos Infected with Opisthorchis viverrini., @2016

2009

356. Philipov, S., Istatkova, R., Denkova, P., Dangaa, S., Samdan, J., Krosnova, M., Munkh-Amgalan, C.. Alkaloids from Mongolian species *Hypecoum lactiflorum* Kar. et Kir. Pazij. Natural Product Research, 23, 11, 2009, ISSN:1478-6419, DOI:10.1021/acs.jnatprod, 982-987. ISI IF:0.527

Цумура се в:

1196. Zhang, R.-F., Zha, S., Yin, X., Bai, R.-F., Li, Y., Tu, P.-F., Chai, X.-Y. Phytochemical and pharmacological progress on Tibetan medicine *Hypecoi Erecti* Herba and plants of *Hypecoum* L. Chinese Traditional and Herbal Drugs (2016) 47 (7) 1217-1224., @2016
1197. Zhang, Q., Ma, T., Hu, N., Ding, C., Liang, Y., Li, W., Suo, Y., Ding, C. One step to separate five alkaloids from *hypecoum leptocarpum* by high-speed counter-current chromatography. Journal of Chromatographic Science (2016) 54 (3) 466-471. Volume 54, Issue 3, 1 March 2016,

357. **Bankova, V.** Chemical diversity of propolis makes it a valuable source of new biologically active compounds.. Journal of ApiProduct & ApiMedical Science, 1, 2, 2009, 23-28

Цумура се в:

1198. Ibrahim, N., Zakaria, A.J., Ismail, Z., Mohd, K.S. International Journal of Pharmacognosy and Phytochemical Research 8(1), 156-161, @2016
1199. Gabunia, K., Journal of Pharmacy & Pharmacology 4, 146-150, @2016
1200. Rizzolo, A., G. Bianchi, M. Povol, C.A. Migliori, G. Contarini, V. Pelizzola, T.M.P. Cattaneo, Food Packaging and Shelf Life 8, 41-49, @2016
1201. Mielecki, M., Lesyng, B. Current Medicinal Chemistry 23(10), 954-982, @2016
1202. Batista, M.C.A., B.V. de Barros Abreu; R.P. Dutra; M.S. Cunha; F.M. Mendonça do Amaral; L.M.B. Torres; M.N. de Sousa Ribeiro. Acta Amazonica 46(3), 315 – 322, @2016
1203. D'Souza, E.; Mantri, J.; Surti, A. Indian Journal of Natural Products and Resources 7(2), 135 - 140, @2016
1204. Somensi Zeggio, A.R. PhD Thesis, Universidade Federal de Santa Catarina, Florianópolis, 2016, @2016

358. Remichkova, M., Dimitrova, P., **Philipov, S.**, Ivanovska, N.. Toll-like receptor-mediated anti-inflammatory action of glaucine and oxoglucine. Fitoterapia, 80, 7, 2009, ISSN:0367-326X, 411-414. ISI IF:2.345

Цумура се в:

1205. Arafa, A.M., Mohamed, M.E.-S., Eldahmy, S.I. The aerial parts of yellow horn poppy (glaucium flavum cr.) growing in Egypt: Isoquinoline alkaloids and biological activities. Journal of Pharmaceutical Sciences and Research (2016) 8 (5) 323-332., @2016

359. A. Szegedi, **M. Popova**, Ch. Minchev. Catalytic activity of Co/MCM-41 and Co/SBA-15 materials in toluene oxidation. Journal of Material Science, 44, 6710, Springer, 2009, ISSN:0022-2461, DOI:10.1007/s10853-009-3600-y, ISI IF:1

Цумура се в:

1206. Xin, H., Ke, T., Preparation and adsorption denitrogenation from model fuel or diesel oil of heteroatoms mesoporous molecular sieve Co-MCM-41 , Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 38 (17), pp. 2560-2567, @2016, @2016
1207. Fu, X., Liu, Y. , Yao, W., Wu, Z., One-step synthesis of bimetallic Pt-Pd/MCM-41 mesoporous materials with superior catalytic performance for toluene oxidation, Catalysis Communications, 83, pp. 22-26, @2016, @2016
1208. López-Mendoza, M.A., Nava, R., Peza-Ledesma, C., Millán-Malo, B., Huirache-Acuña, R., Skewes, P., Rivera-Muñoz, E.M., Characterization and catalytic performance of Co-Mo-W sulfide catalysts supported on SBA-15 and SBA-16 mechanically mixed , Catalysis Today, 271, pp.114-126, @2016, @2016
1209. Tang, K., Hong, X. , Preparation and Characterization of Co-MCM-41 and Its Adsorption Removing Basic Nitrogen Compounds from Fluidized Catalytic Cracking Diesel Oil, Energy and Fuels, 30 (6), pp. 4619-4624, @2016, @2016
1210. Yang, H., Deng, J. , Liu, Y., Xie, S., Xu, P., Dai, H., Pt/Co3O4/3DOM Al2O3: Highly effective

catalysts for toluene combustion, Cuihua Xuebao/Chinese Journal of Catalysis, 37 (6), pp. 934-946, @2016, @2016

1211. Xiao, Z., Zhan, W. , Guo, Y., Guo, Y., Gong, X., Lu, G. , The synthesis of Co-doped SAPO-5 molecular sieve and its performance in the oxidation of cyclohexane with molecular oxygen, Cuihua Xuebao/Chinese Journal of Catalysis, 37 (2), pp. 273-280, @2016, @2016

1212. Zola, A.S., Da Silva, L.S., Moretti, A.L., Do Couto Fraga, A., Sousa-Aguiar, E.F., Arroyo, P.A., Effect of Silylation and Support Porosity of Co/MCM-41 and Co/SiO₂ Catalysts in Fischer-Tropsch Synthesis, Topics in Catalysis, 59 (2-4), pp. 219-229, @2016, @2016

1213. Lin, L.-Y.ab , Bai, H., Salt-induced formation of hollow and mesoporous CoO_x/SiO₂ spheres and their catalytic behavior in toluene oxidation, RSC Advances, 6 (29), pp. 24304-24313, @2016, @2016

360. Cabal, B., Tsyntsarski, B., Budinova, T., Petrov, N., Parra, J.B., Conchi Ania, C.O.. Improved phenol adsorption on carbons after mild temperature steam reactivation. Journal of Hazardous Materials, 166, 2-3, Elsevier, 2009, ISSN:0304-3894, DOI:10.1016/j.jhazmat.2008.12.041, 1289-1295. SJR:1.644, ISI IF:5.277

Цитупа се в:

1214. Yuan, Y., Gu, P., Yang, Y., Zhang, G., Regeneration of PAC used for reverse osmosis concentrate treatment by wet oxidation, Journal of Industrial and Engineering Chemistry, Vol. 34, pp. 98-104. DOI: 10.1016/j.jiec.2015.10.043., @2016

361. Tsoncheva, T., Ivanova, L., Paneva, D., Mitov, I., Minchev, C., Froba, M.. Preparation, characterization and catalytic behaviour in methanol conversion. Microporous and Mesoporous Materials, 120, Elsevier, 2009, 389-396. SJR:1.243, ISI IF:3.349

Цитупа се в:

1215. Jamalluddin, N.A., Abdullah, A.Z., Fe incorporated mesocellular foam as an effective and stable catalyst: Effect of Fe concentration on the characteristics and activity in Fenton-like oxidation of acid red B, @2016

362. Tsoncheva, T., Ivanova, L., Minchev, C., Froeba M.. Cobalt-modified mesoporous MgO, ZrO, and CeO oxides as catalysts for methanol decomposition. Journal of Colloid and Interface Science, 333, Elsevier, 2009, ISSN:0021-9797, DOI:doi:10.1016/j.apcatb.2008.12.015, 277-284. SJR:1.095, ISI IF:3.368

Цитупа се в:

1216. Wang, L., Duan, G., Zhu, J., Liu, X.-H., Palanisamy, S., Mesoporous transition metal oxides quasi-nanospheres with enhanced electrochemical properties for supercapacitor applications, @2016

1217. Puangjan, A., Chaiyasith, S., An efficient ZrO₂/Co₃O₄/reduced graphene oxide nanocomposite electrochemical sensor for simultaneous determination of gallic acid, caffeic acid and protocatechuic acid natural antioxidants, @2016

363. Cabal, B., Budinova, T., Conchi Ania, C.O., Tsyntsarski, B., Parra, J.B., Petrova, B.. Adsorption of naphthalene from aqueous solution on activated carbons obtained from bean pods. Journal of Hazardous Materials, 161, 2-3, Elsevier, 2009, ISSN:0304-3894, DOI:10.1016/j.jhazmat.2008.04.108, 1150-1156. SJR:1.644, ISI IF:5.277

Цитупа се в:

1218. Li, C., Kumar, S., Preparation of activated carbon from un-hydrolyzed biomass residue,

1219. Yaqubzadeh, A.R., Ahmadpour, A., Bastami, T.R., Hataminia, M.R., Low-cost preparation of silica aerogel for optimized adsorptive removal of naphthalene from aqueous solution with central composite design (CCD), Journal of Non-Crystalline Solids, Vol. 447, pp. 307-314. DOI: 10.1016/j.jnoncrysol.2016.06.022., @2016
 1220. Lin, H.C., Hsueh, J.C., Lee, W.-J., Lai, Y.-J., Wu, S.-C., Fujimoto, N., Improvement of water quality by using Wood-Based Activated Carbon Fibers, Journal of the Faculty of Agriculture, Kyushu University, Vol. 61, No 2, pp. 343-350., @2016
 1221. Gupta, H., Gupta, B., Adsorption of polycyclic aromatic hydrocarbons on banana peel activated carbon, Desalination and Water Treatment, Vol. 57, No 20, pp. 9498-9509. DOI: 10.1080/19443994.2015.1029007., @2016
 1222. Lamichhane, S., Bal Krishna, K.C., Sarukkalige, R., Polycyclic aromatic hydrocarbons (PAHs) removal by sorption: A review, Chemosphere, 148, pp. 336-353. DOI: 10.1016/j.chemosphere.2016.01.036., @2016
 1223. Liu, D., Wu, Z., Ge, X., Cravotto, G., Wu, Z., Yan, Y., Comparative study of naphthalene adsorption on activated carbon prepared by microwave-assisted synthesis from different typical coals in Xinjiang, Journal of the Taiwan Institute of Chemical Engineers, Vol. 59, pp. 563-568. DOI: 10.1016/j.jtice.2015.09.001, @2016
 1224. Zhu, M., Yao, J., Dong, L., Sun, J., Adsorption of naphthalene from aqueous solution onto fatty acid modified walnut shells, Chemosphere, 144, pp. 1639-1645. DOI: 10.1016/j.chemosphere.2015.10.050., @2016
364. Dodof, N.I., Kubiak, M., Kuduk-Jaworska, J., Mastalarz, A., Kochel, A., Vassilieva, V., **Vassilev, N.**, Trendaflova, N., Georgieva, I., Lalia-Kantouri, M., Apostolova, M.. Structure, NMR spectra and cytotoxic effect of palladium(II) and platinum(II) complexes of glyoxylic acid oxime. Chemija, 20, 4, lietuvos mokslų akademija, 2009, ISSN:0235-7216, 208-217. SJR:0.173, ISI IF:0.472

Цитируемые:

1225. Kaya, Y., Yilmaz, V.T., Buyukgungor, O., Synthesis, spectroscopic, structural and quantum chemical studies of a new imine oxime and its palladium(II) complex: Hydrolysis mechanism (2016) Molecules, 21 (1), 52., @2016
 1226. Kaya, Y., Structural, vibrational, NMR, quantum chemical, DNA binding and protein docking studies of two flexible imine oximes, (2016) Journal of Chemical Sciences, 128 (9), pp. 1479-1487, @2016
365. **Tsoncheva T.**, Ivanova L., Rosenholm J., Linden M.. Cobalt oxide species supported on SBA-15, KIT-5 and KIT-6 mesoporous silicas for ethyl acetate total oxidation. Applied Catalysis B: Environmental, 89, 3-4, Elsevier, 2009, ISSN:0926-3373, DOI:doi:10.1016/j.apcatb.2008.12.015, 365-374. SJR:2.088, ISI IF:6.639

Цитируемые:

1227. Ahn, C.-I., Bae, J.W. Fischer-Tropsch synthesis on the Al₂O₃-modified ordered mesoporous Co₃O₄ with an enhanced catalytic activity and stability, @2016
1228. Shi, L., Yu, T., Lin, S., Lin, C., Synthesis and characterization of germanium, copper- and cobalt-substituted ITH-zeotype materials, @2016
1229. Yang, F., Zhou, S., Wang, H., Liu, X., Kong, Y., A metal-assisted templating route (SOM+I-) for fabricating thin-layer CoO covered on the channel of nanospherical-HMS with improved

catalytic properties, @2016

1230. Dragoi, B., Ungureanu, A., Ciotonea, C., Royer, S., Dumitriu, E., Controlling the distribution of cobalt (oxide) nanoparticles in the dual pore system of SBA-15 scaffolds, @2016
1231. Ahn, C.-I., Lee, Y.J., Um, S.H., Bae, J.W., Ordered mesoporous CoMOx (M = Al or Zr) mixed oxides for Fischer-Tropsch synthesis, @2016
1232. Gonzalez-Prior, J., Gutierrez-Ortiz, J.I., Lopez-Fonseca, R., Finocchio, E., De Rivas, B., Oxidation of chlorinated alkanes over Co₃O₄/SBA-15 catalysts. Structural characterization and reaction mechanism, @2016
1233. Mandal, S., Maity, S., Saha, S., Banerjee, B., MnOX supported on a TiO₂@SBA-15 nanoreactor used as an efficient catalyst for one-pot synthesis of imine by oxidative coupling of benzyl alcohol and aniline under atmospheric air, @2016
1234. Ahn, C.-I., Koo, H.M., Jo, J.M., Jang, E.J., Bae, J.W. Stabilized ordered-mesoporous Co₃O₄ structures using Al pillar for the superior CO hydrogenation activity to hydrocarbons. Applied Catalysis B: Environmental 180 (2016) 139-149, @2016
1235. Lin, L.-Y., Bai, H. Salt-induced formation of hollow and mesoporous CoOx/SiO₂ spheres and their catalytic behavior in toluene oxidation, @2016
1236. Ahn, C.-I., Koo, H.M., Jo, J.M., Jang, E.J., Bae, J.W., Stabilized ordered-mesoporous Co₃O₄ structures using Al pillar for the superior CO hydrogenation activity to hydrocarbons., @2016
1237. Yang, L., Yang, X., Tian, E., Fan, W., Lin, H. Mechanistic insights into the production of methyl lactate by catalytic conversion of carbohydrates on mesoporous Zr-SBA-15, @2016
1238. Subramaniyan, K., Arumugam, P., Sulfated niobia supported on KIT-6 as a catalyst for transesterification of groundnut oil, @2016
366. **Popova M.**, Szegedi A., Cherkezova-Zheleva Z., Mitov I., Kostova N., **Tsoncheva T.** Toluene oxidation on titanium- and iron-modified MCM-41 materials. Journal of Hazardous Materials, 168, 2009, ISSN:0304-3894, 226-232. SJR:1.644, ISI IF:4.59

Цумура се в:

1239. Rokicińska, A., Natkański, P., Dudek, B., Drozdek, M., Lityńska-Dobrzyńska, L., Kuśtrowski, P., Co₃O₄-pillared montmorillonite catalysts synthesized by hydrogel-assisted route for total oxidation of toluene, Applied Catalysis B: Environmental, 195, pp. 59-68, @2016, @2016
1240. Fu, X., Liu, Y., Yao, W., Wu, Z., One-step synthesis of bimetallic Pt-Pd/MCM-41 mesoporous materials with superior catalytic performance for toluene oxidation, Catalysis Communications, 83, pp. 22-26, @2016, @2016
1241. Qiao, N., Zhang, X., He, C., Cheng, J., Hao, Z., Enhanced performances in catalytic oxidation of o-xylene over hierarchical macro-/mesoporous silica-supported palladium catalysts, Frontiers of Environmental Science and Engineering, 10 (3), pp. 458-466, @2016, @2016
367. **Dolashka-Angelova, P.**, Lieb, B., **Velkova, L.**, Heilen, N., Sandra, K., Nikolaeva-Glomb, L., Galabov, A. S., Van Beeumen, J., Stevanovic, S., Voelter, W., Devreese, B.. Identification of glycosylated sites in Rapana hemocyanin by mass spectrometry and gene sequence, and their antiviral effect. Bioconjugate Chemistry, 20, 7, 2009, ISSN:10431802, 1315-1322. SJR:1.604, ISI IF:4.401

Цумура се в:

1242. Abalone hemocyanin blocks the entry of herpes simplex virus 1 into cells: A potential new antiviral strategy ., @2016

1243. Immunological properties of oxygen-transport proteins: hemoglobin, hemocyanin and hemerythrin., @2016

1244. The antiviral effect of mollusk mucus on measles virus., @2016

1245. From Ocean to Bedside: the Therapeutic Potential of Molluscan Hemocyanins., @2016

368. **Budinova, T.**, Savova, D., **Tsyntsarski, B.**, Conchi Ania, C.O., Cabal, B., Parra, J.B., **Petrov, N.**. Biomass waste-derived activated carbon for the removal of arsenic and manganese ions from aqueous solutions. Applied Surface Science, 255, 8, Elsevier, 2009, ISSN:0169-4332, DOI:10.1016/j.apsusc.2008.12.013, 4650-4657. SJR:0.913, ISI IF:2.735

Цумура се в:

1246. Wang, Y.-J., Ji, F., Wang, W., Yuan, S.-J., Hu, Z.-H., Removal of roxarsone from aqueous solution by Fe/La-modified montmorillonite, Desalination and Water Treatment, Vol. 57, No 43, pp. 20520-20533. DOI: 10.1080/19443994.2015.1108875, @2016

1247. Gonsalvesh, L., Marinov, S.P., Gryglewicz, G., Carleer, R., Yperman, J., Preparation, characterization and application of polystyrene based activated carbons for Ni(II) removal from aqueous solution, Fuel Processing Technology, Vol. 149, pp. 75-85. DOI: 10.1016/j.fuproc.2016.03.024., @2016

1248. Xia, D., Tan, F., Zhang, C., Jiang, X., Chen, Z., Li, H., Zheng, Y., Li, Q., Wang, Y., ZnCl₂ activated biochar from biogas residue facilitates aqueous As(III) removal, Applied Surface Science, Vol. 377, pp. 361-369. DOI: 10.1016/j.apsusc.2016.03.109., @2016

1249. Patil, D.S., Chavan, S.M., Oubagaranadin, J.U.K., A review of technologies for manganese removal from wastewaters, Journal of Environmental Chemical Engineering, Vol. 4, No 1, pp. 468-487. DOI: 10.1016/j.jece.2015.11.028., @2016

1250. Xu, X., Gao, B., Jin, B., Yue, Q., Removal of anionic pollutants from liquids by biomass materials: A review, Journal of Molecular Liquids, Vol. 215, pp. 565-595. DOI: 10.1016/j.molliq.2015.12.101Review., @2016

1251. Sharma, R., Kar, K.K., Effects of Surface Roughness and N-content on Oxygen Reduction Reaction Activity for the Carbon-based Catalyst Derived from Poultry Feather fiber, Electrochimica Acta, Vol. 191, pp. 876-886. DOI: 10.1016/j.electacta.2016.01.166., @2016

369. Champagne, B, **Spasova, M.** Theoretical investigation on the polarizability and second hyperpolarizability of polysilole. Chem. Phys. Lett., 471, Elsevier, 2009, ISSN:0009-2614, 111-115. ISI IF:1.963

Цумура се в:

1252. G. W. Ejeh, N.Samuel, T. N. Fridolin, N. Jean Marie, Mater. Lett., 178 (2016) 221–226. <http://dx.doi.org/10.1016/j.matlet.2016.04.097>, @2016

1253. G. W. Ejeh, S. Nouemo, F. T. Nya, N. Jean Marie, J. Iran Chem. Soc., 13 (2016) 2039–2048. DOI: 10.1007/s13738-016-0921-z, @2016

370. **Idakieva, K.**, Siddiqui, N.I., Meersman, F., De Mayer, M., Chakarska, I., Gielens, C.. Influence of limited proteolysis, detergent treatment and lyophilization on the phenoloxidase activity of Rapana thomasiana hemocyanin. International Journal of Biological Macromolecules, 45, ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS, 2009, ISSN:0141-8130, 181-187. ISI IF:2.441

Цумура се в:

1254. Suwannatrai, K., Apiporn Suwannatrai, Pairat Tabsripair, et al., PLoS Neglected Tropical Diseases 11/2016; 10(11). DOI:10.1371/journal.pntd.0005104, @2016

371. **Kurteva, V.**, Afonso, C. A. M.. Synthesis of cyclopentitols by ring-closure approaches. Chemical Reviews, 109, ACS, 2009, ISSN:0009-2665, DOI:10.1021/cr900169j, 6809-6857. SJR:16.316, ISI IF:46.568

Цитира се в:

1255. Re, D. L.; Jones, L.; Giralt, E.; Murphy, P. V.; Synthesis of an orthogonally protected polyhydroxylated cyclopentene from L-sorbose, Chem. Asian J. 2016, 11, 2035-2040., @2016

1256. Panda, A.; Biswas, R. G.; Pal, S.; A unified and common intermediate strategy for the asymmetric total synthesis of 3-deoxy-neo-inositol and conduritol E, Tetrahedron Letters, 2016, 57, 3625-3628., @2016

1257. Yao, L.; Zhu, Q.; Wei, L.; Wang, Z.-F.; Wang, C.-J.; Dysprosium(III)-catalyzed ring-opening of meso-epoxides: desymmetrization by remote stereocontrol in a thiolysis/elimination sequence, Angew. Chem. Int. Ed 2016, 55, 5829-5833., @2016

1258. Petrović, M.; Occhiato, E. G. Pentannulation of heterocycles by virtue of precious metal catalysis, Chemistry An Asian Journal, 2016, 11, 642-659., @2016

1259. Lv, Y.; Sun, K.; Wang, T.; Wu, Y.; Li, G.; Pu, W.; Mao, S.; Intermolecular C–N cross-coupling reactions catalyzed by tetra-n-butylammonium iodide: synthesis of allylic N-heterocycles, Asian Journal of Organic Chemistry, 2016, 5, 325-329., @2016

1260. Mao, X.; Song, P.; Hao, Y.; Sun, Z.; Hu, X.; Stereocontrolled [4+1] annulation of α -hydroxycyclobutenones: synthesis of polysubstituted cyclopentenones, Advanced Synthesis & Catalysis, 2016, 358, 3719-3723., @2016

1261. Eddy, N. A.; Ichalkaranje, P.; Methodology for the Construction of the Bicyclo[4.3.0]nonane Core, Molecules, 2016, 21, 1358, 23 pp., @2016

372. **Velkova, L.**, Todorov, D., Dimitrov, I., Shishkov, S., Van Beeumen, J., **Dolashka, A.**. Rapana Venosa hemocyanin with antiviral activity. 23, Biotechnol. Biotechnol. Equip., 2009, ISSN:1314-3530, DOI:10.1080/13102818.2009.10818498, 606-610. ISI IF:0.373

Цитира се в:

1262. Comprehensive and Quantitative Proteomic Analysis of Metamorphosis-Related Proteins in the Veined Rapa Whelk, Rapana venosa Intern., @2016

373. Denev, R., Kuzmanova, I., Panayotova, Sv., **Momchilova, Sv.**, **Kancheva, V.**, Lokesh, B.. Lipid composition of Indian rice bran oil. Comptes rendus de l'Académie bulgare des Sciences, 62, 6, Издателство на БАН "Проф. Марин Дринов", 2009, ISSN:1310-1331, 709-716. SJR:0.21, ISI IF:0.284

Цитира се в:

1263. Muthal, A.P., Rojatkhar, S.R., Deshpande, G.A., Bodhankar, S.L., Validated HPTLC method for estimation of γ -oryzanol in rat plasma and its application to pharmacokinetic study, International Journal of Pharmaceutical Research & Allied Sciences, 2016, Volume 5 (3), Pages 124-131, @2016

1264. Khatun, A., Rahman, M., Rahman, M., Hossain, H., Jahan, I.A., Nesa, L., Antioxidant, Antinociceptive and CNS Activities of Viscum orientale and High Sensitive Quantification of Bioactive Polyphenols by UPLC, Frontiers in Pharmacology, 2016, Volume 7, Article number 176, @2016

1265. Muthal, A.P., Rojatar, S.R., Bodhankar, S.L., Isolation and Structure Determination of 24-Methylenecycloartanyl Ferulate from Indian Rice Bran and Its Quantitative Analysis, Pharmacognosy Magazine, 2016, Volume 12 (3), Pages S307-S314, @2016

374. Velkova, L., Todorov, D., Dimitrov, I., Shishkov, S., Van Beeumen, J., Dolashka- Angelova, P.. Rapana Venosa Hemocyanin with Antiviral Activity. Biotechnology & Biotechnological Equipment, 23, 2, 2009, ISSN:1310-2818, 606-610. SJR:0.411, ISI IF:0.3

Цитира се в:

1266. Comprehensive and Quantitative Proteomic Analysis of Metamorphosis-Related Proteins in the Veined Rapa Whelk, Rapana venosa., @2016

1267. Methods of treatment viral diseases, @2016

375. Antonov, L., Deneva, V., Simeonov, S., Kurteva, V., Nedeltcheva, D., Wirz, J.. Exploiting tautomerism for switching and signaling. Angewandte Chemie International Edition, 48, Wiley, 2009, ISSN:1433-7851 (Print); 1521-3773 (Online), DOI:10.1002/anie.200903301, 7875-7878. SJR:5.149, ISI IF:11.261

Цитира се в:

1268. Xie, B.-b.; Li, C.-x.; Cui, G.-l.; Fang, Q.; Excited-state proton transfer and decay in hydrogen-bonded oxazole system: MS-CASPT2//CASSCF study, Chinese Journal of Chemical Physics, 2016, 29, 38-46., @2016

1269. Dubonosov, A. D.; Bren, V. A.; Minkin, V. I.; Enolimine–Ketoenamine Tautomerism for Chemosensing, in Tautomerism: Concepts and Applications in Science and Technology (ed L. Antonov), 2016, Wiley-VCH Verlag GmbH & Co. KGaA, Weinheim, Germany, chapter 10, pp. 229-252., @2016

1270. Тхани, Аль-Саиди Мохаммед Забун; Таутомерия и экстракционно-фотометрическое определение фенилазонафтолов с применением смешанных мицелл поверхностно-активных веществ, ФГБОУ ВПО Саратовский Государственный Университет имени Н. Г. Чернышевского, Саратов, 2016, @2016

1271. Raskar, R. Y.; Pingale, S. S.; Density functional investigation of substituent effect driven tautomeric switching in salicylate anion, Quantum Matter, 2016, 5, 369-371., @2016

376. Nedeltcheva, D., Kurteva, V., Damyanova, B., Popov, S.. Gas-phase tautomerism in 1-phenylazonaphthalene-4-ol: verification of the responses of individual tautomers. Rapid Communications in Mass Spectrometry, 23, Wiley, 2009, ISSN:0951-4198, DOI:10.1002/rcm.4052, 1727-1734. SJR:0.788, ISI IF:2.253

Цитира се в:

1272. Тхани, Аль-Саиди Мохаммед Забун; Таутомерия и экстракционно-фотометрическое определение фенилазонафтолов с применением смешанных мицелл поверхностно-активных веществ, ФГБОУ ВПО Саратовский Государственный Университет имени Н. Г. Чернышевского, Саратов, 2016, @2016

377. Kleinpeter, E., Stamboliyska, B.A.. Hyperpolarizability of donor-acceptor azines subject to push-pull character and steric hindrance. Tetrahedron, 65, 45, Elsevier Limited, 2009, ISSN:0040-4020, DOI:10.1016/j.tet.2009.09.026, 9211-9217. SJR:0.991, ISI IF:2.79

Цитира се в:

1273. Zouaoui-Rabah, M., Sekkal-Rahal, M., Djilani-Kobibi, F., Elhorri, A. M., Springborg, M.,

378. **Enchev, V., Angelova, S.** Does tautomeric equilibrium exist in 4-nitroso-5-pyrazolones?. Journal of Molecular Structure: THEOCHEM, 897, 1-3, Elsevier, 2009, ISSN:0166-1280, DOI:10.1016/j.theochem.2008.11.015, 55-60. ISI IF:1.216

Цитирана се в:

1274. Tahan, A., Theoretical study addressing the effects of tautomerism and explicit/implicit water molecules on NQR and NMR parameters of tetrazole-5-thione, MRC, Accepted manuscript online: 8 December 2016, DOI: 10.1002/mrc.4560, @2016
1275. Maria Kasprzak, Małgorzata Fabijańska, Lilianna Chęcińska, Leszek Szmigiero and Justyn Ochocki, New Look on 3-Hydroxyiminoflavanone and Its Palladium(II) Complex: Crystallographic and Spectroscopic Studies, Theoretical Calculations and Cytotoxic Activity, Molecules 2016, 21(4), 455; doi:10.3390/molecules21040455, @2016

379. Gotsev, M.G., **Ivanov, P.M.** Molecular dynamics of large-ring cyclodextrins: Principal component analysis of the conformational interconversions. Journal of Physical Chemistry (B), 113, 17, 2009, 5752-5759. ISI IF:3.302

Цитирана се в:

1276. Khuntawee, W., Rungrotmongkol, T., Wolschann, P., Okumura, H., Hannongbua, S. Conformation study of epsilon-cyclodextrin: Replica exchange molecular dynamics simulations, Carbohydrate Polymers, 141 (2016) 99-105, @2016
1277. Assaf, K.I., Gabel, D., Chen, C., Mo, H., Liang, G. High-affinity host-guest chemistry of large-ring cyclodextrins, Organic and Biomolecular Chemistry, 14 (2016) 7702-7706, @2016
1278. Liu, B., Zeng, J., Chen, C., Liu, Y., Ma, H., Mo, H., Liang, G., Interaction of cinnamic acid derivatives with β -cyclodextrin in water: Experimental and molecular modeling studies, Food Chemistry, 194 (2016) 1156-1163, @2016

380. Simeonova, M., Ivanova, G., **Enchev, V., Markova, N.**, Kamburov, M., Petkov, C., Devery, A., O'Connor, R., Brougham, D.. Physicochemical characterization and in vitro behavior of Daunorubicin-loaded poly(butyl-cyanoacrylate) nanoparticles. Acta Biomaterialia, 5, Elsevier, 2009, 2109-2121. ISI IF:6.025

Цитирана се в:

1279. Olga K., Poilov V., Res. J. Pharm., Biol. Chem. Sci. 7 (2016) 449, @2016
1280. Sasikala A.R.K., Thomas R.G., Unnithan A.R., Saravanakumar B., Jeong Y.Y., Park C.H., Kim C.S., Scientific Reports 6 (2016) Article number 20543, @2016
1281. Sasikala A.R.K., Unnithan A.R., Park C.H., Kim C.S., J. Material Chem. B 4 (2016) 785, @2016
1282. Sasikala, A.R.K., Unnithana, A. R., Yun, Y.-H., Park, C. H., Kim, C. S., An implantable smart magnetic nanofiber device for endoscopic hyperthermia treatment and tumor-triggered controlled drug release, Acta Biomaterialia, 2016, Volume 31, Pages 122-133, @2016
1283. Zhao, Y., Zhang, J., Hu, Y., Wu, J., Bu, Y., Lu, W., Augmented efficacy and the mechanism of a combined use of daunorubicin with rofecoxib in treatment of triple-negative breast cancer, J. Chinese Pharm. Sci., 2016, Volume 25, Pages 438-447, DOI: 10.5246/jcps.2016.06.049, @2016

1284. Xu, X.-L., Li, J.-J., Han, S.-P., Tao, C.-H., Fang, L., Sun, Y., Zhu, J.-Z., Liang, Z.-H., Li, F.-Z., A novel doxorubicin loaded folic acid conjugated PAMAM modified with borneol, a nature dual-functional product of reducing PAMAM toxicity and boosting BBB penetration, Eur. J. Pharm. Sci., 2016, Volume 88, Pages 178–190, @2016
1285. Kolesova, O., Poilov, V., Investigation of the Immunological Effect of Fermented Epilobium Angustifolium Extracts at the Cell Level, Res. J. Pharm., Biol. Chem. Sci., 2016, Volume 7, 449-454, @2016
1286. Zhao, W.-Y., Zhang, C.-X., Liu, L., Mu, L.-M., Zeng, F., Ju, R.-J., Xie, H.-J., Yan, Y., Zhao, Y., Lu, W.-L., Construction of Functional Targeting Daunorubicin Liposomes Used for Eliminating Brain Glioma and Glioma Stem Cells, J. Biomed. Nanotechnology, 2016, Volume 12, Pages 1404-1420, @2016
1287. Evangelatov, A., Skrobanska, R., Mladenov, N., Petkova, M., Yordanov, G., Pankov, R., Epirubicin loading in poly(butyl cyanoacrylate) nanoparticles manifests via altered intracellular localization and cellular response in cervical carcinoma (HeLa) cells, Drug Deliv., 2016, Volume 23, Pages 2235-2244, @2016
381. Widelski, J., **Popova, M.**, Graikou, K., Glowinski, K., Chinou, I. Coumarins from Angelica lucida L. – Antibacterial Activities. Molecules, 14, 2009, 2729-2734. ISI IF:1.738

Цумура се в:

1288. Koziol, E., Skalicka-Woźniak, K. Imperatorin–pharmacological meaning and analytical clues: profound investigation (Review). Phytochemistry Reviews 15(4), 627-649, 2016., @2016
1289. Golfakhrabadi, F., Shams Ardakani, M.R., Saeidnia, S., Akbarzadeh, T., Yousefbeyk, F., Jamalifar, H., Khanavi, M. In vitro antimicrobial and acetylcholinesterase inhibitory activities of coumarins from Ferulago carduchorum. Medicinal Chemistry Research. 25(8), 1623-1629, 2016., @2016
1290. Dastan, D., Salehi, P., Aliahmadi, A., Gohari, A.R., Maroofi, H., Ardalan, A. New coumarin derivatives from Ferula pseudalliacea with antibacterial activity. Natural Product Research 30(24), 2747-2753, 2016., @2016
382. Ivanova, A., **Mikhova, B.**, Najdenski, H., Tsvetkova, I., Kostova, I. 64. Chemical composition and antimicrobial activity of wild garlic Allium Ursinum of Bulgarian origin. Natural Product Communications, 4, 8, 2009, ISSN:ISSN 1934-578X (printed); 1555-9475 (online), 1059-1062. ISI IF:0.928

Цумура се в:

1291. Jung, H.Y., Lee, K.Y., Yoo, D.Y., Kim, J.W., Yoo, M., Lee, S., Yoo, K.-Y., Yoon, Y.S., Choi, J.H., Hwang, I.K. Essential oils from two Allium species exert effects on cell proliferation and neuroblast differentiation in the mouse dentate gyrus by modulating brain-derived neurotrophic factor and acetylcholinesterase (2016) BMC Complementary and Alternative Medicine, 16 (1), art. no. 431, @2016
383. **Budinova, T.**, Razvigorova, M., **Tsyntsarski, B.**, **Petrova, B.**, Ekinici, E., Ferhat Yardim, M.. Characterization of Bulgarian oil shale kerogen revealed by oxidative degradation. Chemie der Erde - Geochemistry, 69, 3, Elsevier, 2009, ISSN:0009-2819, DOI:10.1016/j.chemer.2009.04.001, 235-245. SJR:0.881, ISI IF:1.986

Цумура се в:

1292. Cheng, B., Du, J., Tian, Y., Liu, H., Liao, Z., Thermal Evolution of Adsorbed/Occluded Hydrocarbons inside Kerogens and Its Significance As Exemplified by One Low-Matured

- 384. Popova, M.,** Chinou, I., Marekov, I., **Bankova, V.** Terpenes with antimicrobial activity from Cretan propolis. *Phytochemistry*, 70, 2009, 1262-1271. ISI IF:3.104

Цитира се в:

1293. Bharati, D., Rawat, S., Sharma, P., Shrivastava, B. Comparative evaluation of antidiabetic antihypertensive activity of *Cynodon dactylon* L. and *Phyllanthus niruri* L in rats with simultaneous type 2 diabetic and hypertension. *Der Pharmacia Lettre* 8 (1), 255-263, 2016., @2016
1294. Sforcin, J.M. Biological Properties and Therapeutic Applications of Propolis. *Phytotherapy Research* 30(6), 894-905, 2016., @2016
1295. García-Varela, R., Fajardo Ramírez, O.R., Serna-Saldivar, S.O., Altamirano, J., Cardineau, G.A. Cancer cell specific cytotoxic effect of *Rhoeo discolor* extracts and solvent fractions. *Journal of Ethnopharmacology* 190, 46-58, 2016., @2016
1296. Nakhuru, K.S., Gogoi J., Chattopadhyay P., Gogoi H.K. *Appl Med Res.* 2(1), 27-30 (2016) doi: 10.5455/amr.20160329010003, @2016
1297. Tumiłowicz, P., Synoradzki, L., Sobiecka, A., Arct, J., Pytkowska, K., Safarzyński, S. *Polimery* 61(5), 347 – 356 (2016)., @2016
1298. Li, S., Y. Yu, J. Chen, B. Guo, L. Yang, W. Ding. *Molecules*, 21(6), 754; (2016) doi:10.3390/molecules21060754, @2016
1299. Taddeo, V.A., F. Epifano, S. Fiorito, S. Genovese. *Journal of Pharmaceutical and Biomedical Analysis* 129, 219-223 (2016)., @2016
1300. Isidorov, V.A., S. Bakier, E. Pirożnikow, M. Zambrzycka, I. Swiecicka. *J Chem Ecol* 42, 475–485 (2016)., @2016
1301. Venditti, A., C. Frezza, F. Sciubba, S. Foddai, M. Serafini, A. Bianco. *Chemistry and Biodiversity* (2016) DOI: 10.1002/cbdv.201600332., @2016
1302. Al-Ghamdi, A.A., Bayaqoob, N.I.M., Rushdi, A.I., Alattal, Y., Simoneit, B.R.T., El-Mubarak, A.H., Al-Mutlaq, K.F. *Saudi Journal of Biological Sciences* (2016)*, doi: <http://dx.doi.org/10.1016/j.sjbs.2016.12.012>, @2016

- 385. Denkova, P. S.,** Van, Lokeren L., Willem, R.. Mixed micelles of triton X-100, sodium dodecyl dioxyethylene sulfate, and synperonic l61 investigated by NOESY and diffusion ordered NMR spectroscopy. *The Journal of Physical Chemistry B*, 113, 19, American Chemical Society, 2009, ISSN:1520-5207, DOI:10.1021/jp8104369, 6703-6709. ISI IF:3.302

Цитира се в:

1303. Lee, N.-M., Lee, B.-H. Effects of temperature and surfactant structure on the solubilisation of 4-chlorobenzoic acid by various surfactants. *Journal of Chemical Thermodynamics*, 101, 1-6, (2016)., @2016
1304. Lee, N.-M., Lee, B.-H. Thermodynamics on the micellization of various pure and mixed surfactants: Effects of head- and tail-groups. *Journal of Chemical Thermodynamics*, 95, 15-20, (2016)., @2016

- 386. Mavrova, A. Ts.,** Wesselinova, D., Tsenov, Y. A., **Denkova, P.** Synthesis, cytotoxicity and effects of some 1,2,4-triazole and 1,3,4-thiadiazole derivatives on immunocompetent cells. *European Journal of*

Цитира се в:

- 1305.** Salem, M.E., Darweesh, A.F., Farag, A.M., Elwahy, A.H.M. 2-Bromo-1-(1H-pyrazol-4-yl)ethanone: Versatile precursors for novel mono-, bis- and poly{6-(1H-pyrazol-4-yl)-[1, 2, 4]triazolo[3, 4-b][1, 3, 4]thiadiazines}. *Tetrahedron*, 72 (5), 712-719, (2016)., @2016
- 1306.** Hassan, M.F., Rauf, A. Synthesis and multi-spectroscopic DNA binding study of 1, 3, 4-oxadiazole and 1, 3, 4-thiadiazole derivatives of fatty acid. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, 153, 510-516, (2016)., @2016
- 1307.** Sayed, O.M., Mekky, A.E.M., Farag, A.M., Elwahy, A.H.M. 3, 4-Bis(bromomethyl)thieno[2, 3-b]thiophene: Versatile Precursors for Novel Bis(triazolothiadiazines), Bis(quinoxalines), Bis(dihydrooxadiazoles), and Bis(dihydrothiadiazoles). *Journal of Heterocyclic Chemistry*, 53 (4), 1113-1120, (2016)., @2016
- 1308.** Ameri, A., Khodarahmi, G., Hassanzadeh, F., Forootanfar, H., Hakimelahi, G.-H. Novel Aldimine-Type Schiff Bases of 4-Amino-5-[(3, 4, 5-trimethoxyphenyl)methyl]-1, 2, 4-triazole-3-thione/thiol: Docking Study, Synthesis, Biological Evaluation, and Anti-Tubulin Activity *Archiv der Pharmazie*, pp. 662-681, (2016)., @2016
- 1309.** Reddy, S.R., Reddy, Ch.V.R., Satyanarayana, B. Synthesis and characterization of novel pyridine associated 1, 2, 4-triazolo-1, 3, 4-thiadiazines *Asian Journal of Chemistry*, 28 (8), 1708-1712, (2016)., @2016
- 1310.** Abdelhamid, A.O., Gomha, S.M., Abdelriheem, N.A., Kandeel, S.M. Synthesis of new 3-heteroarylindoles as potential anticancer agents. *Molecules*, 21 (7), art. no. 929, (2016)., @2016
- 1311.** Abbas, E.M.H., Gomha, S.M., Farghaly, T.A., Abdalla, M.M. Synthesis of new thiazole derivatives as antitumor agents. *Current Organic Synthesis*, 13 (3), 456-465, (2016)., @2016
- 1312.** Farghaly, T.A., Gomha, S.M., Sayed, A.R., Khedr, M.A. Hydrazonoyl halides as precursors for synthesis of bioactive thiazole and thiadiazole derivatives: Synthesis, molecular docking and pharmacological study. *Current Organic Synthesis*, 13 (3), 445-455, (2016)., @2016
- 1313.** Ding, Y., Zhang, Z., Zhang, G., Mo, S., Li, Q., Zhao, Z. Green synthesis and evaluation of the antitumor activity of a novel series of 3-[4-bi-(4-fluorophenyl)methylpiperazinyl]-4-amino-5-thione-1, 2, 4-triazole Schiff bases. *Research on Chemical Intermediates*, 42 (4), 3105-3116, (2016)., @2016
- 1314.** Kaur, R., Dwivedi, A.R., Kumar, B., Kumar, V. Recent developments on 1, 2, 4-triazole nucleus in anticancer compounds: A review. *Anti-Cancer Agents in Medicinal Chemistry*, 16 (4), 465-489, (2016)., @2016
- 1315.** Byre Gowda, G., Pradeepa Kumara, C.S., Ramesh, N., Sadashiva, M.P., Junjappa, H. Base catalyzed reaction of ethyl thioglycolate with β -aryl- β -(methylthio) acroleins: A general method for the synthesis of 2-carbethoxy-5-substituted/4, 5-annulated thiophenes in high overall yields. *Tetrahedron Letters*, 57 (8), 928-931, (2016)., @2016
- 387.** Tsyntsarski, B., Budinova, T., Petrov, N., Popova, A. D., Krzeszinska, M., Pusz, S., Majewska, J.. Synthesis and characterization of carbon foam by low pressure foaming process using H₂SO₄ modified pitch as precursor. *Bulgarian Chemical Communications*, 41, 4, Bulgarian Academy of Sciences, 2009, ISSN:0861-9808, 397-402. SJR:0.229, ISI IF:0.349

Цитира се в:

1316. Arami-Niya, A., Rufford, T.E., Zhu, Z., Activated carbon monoliths with hierarchical pore structure from tar pitch and coal powder for the adsorption of CO₂, CH₄ and N₂, Carbon, Vol. 103, pp. 115-124. DOI: 10.1016/j.carbon.2016.02.098., @2016

388. Batovska, D.I., Todorova, I.T., **Parushev, S.P.,** Nedelcheva, D.V., **Bankova, V.S.,** Popov, S.S., Ivanova, I.I., Batovski, S.A.. Biomarkers for the prediction of the resistance and susceptibility of grapevine leaves to downy mildew. Journal of Plant Physiology, 166, 7, Urban und Fischer Verlag GmbH und Co. KG, 2009, ISSN:0176-1617, DOI:10.1016/j.jplph.2008.08.008, 781-785. SJR:1.004, ISI IF:2.557

Цумура се в:

1317. Pensec, F., A. Szakiel, C. Paćzkowski, A. Wozniak, •M. Grabarczyk, C. Bertsch, M.J.C. Fischer, J. Chong. J Plant Res ;129(3), 499-512 DOI 10.1007/s10265-016-0797-0 (2016), @2016

1318. Maia, M., F. Monteiro, M. Sebastiana, A.P. Marques, A.E.N. Ferreira, A.P. Freire, C. Cordeiro, A. Figueiredo, M. Sousa Silva, EuPA Open Proteomics 12, 2 - 9, , @2016

389. Ivanova, A., **Mikhova, B.,** Klaiber, I., Dinchev, D., Kostova, I.. Steroidal Saponins from Smilax exselsa rhizomes. Natural Product Research, 23, 10, Taylor & Francis, 2009, ISSN:1478-6419 print/1029-2340 online, DOI:10.1080/14786410802624827, 916-924. ISI IF:1.057

Цумура се в:

1319. Pérez, A.J., Hussain, S.M., Pecio, Ł., Kowalczyk, M., Herling, V.R., Stochmal, A. Ultrahigh-performance liquid chromatography-high-resolution quadrupole time-of-flight mass spectrometry based metabolomics reveals key differences between Brachiaria decumbens and B. brizantha, two similar pastures with different toxicities (2016) Journal of Agricultural and Food Chemistry, 64 (22), pp. 4686-4694., @2016

390. Batovska, D, Parushev, S., Stamboliyska, B., Tsvetkova, I., Ninova, M., Najdenski, H.. Examination of growth inhibitory properties of synthetic chalcones for which antibacterial activity was predicted. European Journal of Medicinal Chemistry, 44, 5, Elsevier Masson SAS, 2009, ISSN:0223-5234, DOI:10.1016/j.ejmech.2008.05.010, 2211-2216. SJR:1.004, ISI IF:3.447

Цумура се в:

1320. Mitrev, Y. N., Mehandzhiyski, A. Y., Batovska, D. I., Liese, A., Galunsky, B. Original enzyme-catalyzed synthesis of chalcones: Utilization of hydrolase promiscuity. Journal of the Serbian Chemical Society, 2016, 69-69., @2016

1321. Rai, S., Patel, P. N., Chadha, A. Preparation, characterisation, and crystal structure analysis of (2E, 2' E)-3, 3'-(1, 4-phenylene) bis (1-(2-aminophenyl) prop-2-en-1-one. Crystallography Reports, 2016, 61(7), 1086-1089., @2016

1322. Caboni, P., Aissani, N., Demurtas, M., Ntalli, N., Onnis, V., Nematicidal activity of acetophenones and chalcones against Meloidogyne incognita and structure–activity considerations. Pest management science, 2016, 72(1), 125-130., @2016

1323. Guil-Guerrero, J.L., Ramos, L., Moreno, C., Zúñiga-Paredes, J.C., Carlosama-Yépez, M., Ruales, P., Plant-food by-products to improve farm-animal health, Animal Feed Science and Technology, 2016, 220, 121-135., @2016

1324. Guil-Guerrero, J.L., Ramos, L., Moreno, C., Zúñiga-Paredes, J.C., Carlosama-Yepez, M., Ruales, P., Antimicrobial activity of plant-food by-products: A review focusing on the tropics, Livestock Science, 2016, 189, 32-49., @2016

1325. Stompor, M., Zarowska, B., Antimicrobial activity of xanthohumol and its selected structural analogues, *Molecules*, 2016, 21 (5), art. no. 608., @2016
1326. Dar, B.A., Lone, A.M., Shah, W.A., Qurishi, M.A., Synthesis and screening of ursolic acid-benzylidene derivatives as potential anti-cancer agents, *European Journal of Medicinal Chemistry*, 2016, 111, 26-32., @2016
1327. Saidugari, S., Vadali, L.R., Vidya, K., Ram, B., Synthesis, characterization and antimicrobial evaluation of novel (E)-N'-(4-(1-((3, 4-dimethoxypyridin-2-yl)methyl)-1H-1, 2, 3-triazol-4-yl)benzylidene)benzohydrazide derivatives, *Oriental Journal of Chemistry*, 2016, 32 (4), 2155-2161., @2016

391. Zhiryakova, D., Ivanov, I., Ilieva, S., **Guncheva, M.**, Galunsky, B., Stambolieva, N.. Do N-terminal nucleophile hydrolases indeed have a single amino acid catalytic center?: Supporting amino acid residues at the active site of penicillin G acylase.. *FEBS Journal*, 276, Wiley, 2009, ISSN:1742-4658, 2589-2598. SJR:1.704, ISI IF:3.298

Цитупа се в:

1328. Avinash, V.S., Pundle, A.V., Ramasamy, S., Suresh, C.G. Penicillin acylases revisited: Importance beyond their industrial utility *Critical Reviews in Biotechnology* (2016) 36 (2) 303 - 316., @2016

392. **Guncheva, M.**, Zhiryakova, D., Radchenkova, N., Kambourova, M.. Properties of immobilized lipase from *Bacillus stearothermophilus* MC7. Acidolysis of triolein with caprylic acid.. *World Journal of Microbiology and Biotechnology*, 25, Springer, 2009, ISSN:0959-3993, 727-731. SJR:0.431, ISI IF:1.036

Цитупа се в:

1329. Abir Ben Bacha, Alaa Al-Assaf, Nadine MS Moubayed, Islem Abid Evaluation of a novel thermo-alkaline *Staphylococcus aureus* lipase for application in detergent formulations *Saudi Journal of Biological Sciences* (2016), @2016

393. **Popova, M.**, **Trusheva, B.**, Gyosheva, M., Tsvetkova, I., **Bankova, V.**.. Antibacterial Triterpenes from the Threatened Wood- Decay Fungus *Fomitopsis rosea*. *Fitoterapia*, 80, 5, Elsevier, 2009, 263-266. ISI IF:1.363

Цитупа се в:

1330. Johnston, S. R., Boddy, L., Weightman, A. J. "Bacteria in decomposing wood and their interactions with wood-decay fungi", *FEMS Microbiology Ecology* 92(11), Article #: fiw179 (2016)., @2016
1331. Ríos, J.-L., Andújar, I. "Lanostanoids from Fungi as Potential Medicinal Agents", in *Fungal Metabolites* (book), J-M Mérillon, K G Ramawat (Eds), Springer International Publishing, Switzerland, 2016, doi: 10.1007/978-3-319-19456-1_19-1, 34 pages. ISBN: 978-3-319-19456-1., @2016
1332. Ravikumar, K. S., Greeshma, P. V., George, V., Janardhanan, K. K. "Antioxidant and anti-inflammatory activities of *Fomitopsis dochmii* (Berk. & Broome) Ryvarden", *Int J Pharm Sci Res* 7(9), 3666-3674 (2016)., @2016

394. Tuleva, B., Christova, N., Cohen, R., **Antonova, D.**, Todorov, T., **Stoineva, I.**.. Isolation and characterization of trehalose tetraester biosurfactants from a soil strain *Micrococcus luteus* BN56. *Process Biochemistry*, 44, Elsevier, 2009, ISSN:13595113, DOI:10.1016/j.procbio.2008.09.016, 135-141

Цумура се в:

1333. Hanafy, R. A., Couger, M. B., Baker, K., Murphy, C., O'Kane, S. D., Budd, C., ... & Youssef, N. Draft genome sequence of *Micrococcus luteus* strain O'Kane implicates metabolic versatility and the potential to degrade polyhydroxybutyrates. *Genomics Data*, @2016
1334. Ma, A. Y., Cheung, B. K., Kwok, K. C., Cai, M., & Lee, P. K., Recent Advances of Anaerobic Digestion for Energy Recovery. In *Recycling of Solid Waste for Biofuels and Bio-chemicals* (pp. 87-126). Springer Singapore., @2016
1335. Balan, S. S., Kumar, C. G., & Jayalakshmi, S., Pontifactin, a new lipopeptide biosurfactant produced by a marine *Pontibacter korlensis* strain SBK-47: Purification, characterization and its biological evaluation. *Process Biochemistry*., @2016
1336. Paulino, B. N., Pessôa, M. G., Mano, M. C. R., Molina, G., Neri-Numa, I. A., & Pastore, G. M., Current status in biotechnological production and applications of glycolipid biosurfactants. *Applied Microbiology and Biotechnology*, 1-29., @2016
1337. Ogunmola, Christianah O., and Olusimbo O. Aboaba. "The emulsifying effect of biosurfactants produced by food spoilage organisms in Nigeria." *International Journal of Food Studies* 5, no. 1 (2016)., @2016
395. **Danova, K.**, Bertoli, A, Pistelli, La., Dimitrov, D., Pistelli, Lu.. In vitro culture of Balkan endemic and rare *Pulsatilla* species for conservational purposes and secondary metabolites production. *Botanica Serbica*, 33, 2, 2009, ISSN:1821-2158, 157-162

Цумура се в:

1338. Shydlovska O.A., Andriychuk E.N., Kompanets T.A. (2016) The spectrum of viruses isolated from *Pulsatilla pratensis* (Ranunculaceae) a native plant of Ukraine. *Visn. Dnipropetr. Univ. Ser. Biol. Ekol.* 2016. 24(1), 234–239. doi:10.15421/011629; ISSN 2310-0842 print ISSN 2312-301X online, @2016
396. **Nedeltcheva, D.**, Kamounah, F.S., Mirolo, L., Fromm, K.M., **Antonov, L.**.. Solid state tautomerism in 2-((phenylimino)methyl)-naphthalene-1-ol. *Dyes and Pigments*, 83, 1, 2009, DOI:10.1016/j.dyepig.2009.04.002, 121-126. ISI IF:3.966

Цумура се в:

1339. Adriano Junior, L., Fonseca, T.L., Castro, M.A., Solvent effects on the absorption spectrum and first hyperpolarizability of keto-enol tautomeric forms of anil derivatives: A Monte Carlo/quantum mechanics study, *Journal of Chemical Physics*, 2016, Volume 144, Article number 234511, @2016
397. Tsvetkova, T., Balabanov, S., Avramov, L., Borisova, E., **Angelov, I.**, Bischoff, L.. Photoluminescence enhancement in Si⁺ implanted PMMA. *Vacuum*, 83, Supplement1, Elsevier, 2009, ISSN:ISSN: 0042-207X, DOI:doi:10.1016/j.vacuum.2009.01.075, S252-S255. SJR:0.609, ISI IF:1.858

Цумура се в:

1340. Taras S. Kavetskyy and Andrey L. Stepanov, Ion-Irradiation-Induced Carbon Nanostructures in Optoelectronic Polymer Materials, Chapter 11 in *Radiation Effects in Materials*, book edited by Waldemar A. Monteiro, ISBN 978-953-51-2418-4, Print ISBN 978-953-51-2417-7, Published: July 20, 2016 under CC BY 3.0 license.; p.287-308, @2016
398. **Nedeltcheva, D.**, **Antonov, L.**.. Relative strength of the intramolecular hydrogen bonding in 1-phenylazo-naphthalene-2-ol and 1-phenyliminomethyl-naphthalene-2-ol. *Journal of Physical Organic Chemistry*, 22, 4, 2009, DOI:10.1002/poc.1464, 274-281. ISI IF:1.38

Цумура се в:

1341. George, L., Kunhikannan, A.K., Illathvalappil, R., Ottoor, D., Kurungot, S., Devi, R.N., Understanding the electron transfer process in ZnO-naphthol azobenzoic acid composites from photophysical characterisation, Physical Chemistry Chemical Physics, 2016, Volume 18, Pages 22179-22187, @2016
399. Kussovski, V., Mantareva, V., Angelov, I., Orozova, P., Wohrle, D., Schnurpfeil, G., Borisova, E., Avramov, L.. Photodynamic inactivation of *Aeromonas hydrophila* by cationic phthalocyanines with different hydrophobicity. FEMS microbiology letters, 294, 2, Wiley, Blackwell Publishing Ltd, 2009, ISSN:Online ISSN: 1574-6968, DOI:DOI: <http://dx.doi.org/10.1111/j.1574-6968.2009.01555.x>, 133-140. ISI IF:2.121
- Цумура се в:
1342. Camila Benedetti Penha, Edineia Bonin, Alex Fiori da Silva, Noboru Hioka, Erica Benassi Zanqueta, Tania Ueda Nakamura, Benicio Alves de Abreu Filho, Paula Aline Zanetti Campanerut-S, Jane Martha Graton Mikcha, Photodynamic inactivation of foodborne and food spoilage bacteria by curcumin, LWT- Food Science and Technology, 2016, 1-5, @2016
1343. Olawale L. Osifeko, Imran Uddin, Philani N. Mashazi and Tebello Nyokong, Physicochemical and antimicrobial photodynamic chemotherapy of unsymmetrical indium phthalocyanines alone or in the presence of magnetic nanoparticles, NewJ.Chem., 2016, 40, 2710-2721, @2016
400. Nedeltcheva, D., Antonov, L., Lycka, A., Damyanova, B., Popov, S.. Chemometric models for quantitative analysis of tautomeric Schiff bases and azodyes. Current Organic Chemistry, 13, 3, 2009, DOI:10.2174/138527209787314832, 217-240. ISI IF:2.157

Цумура се в:

1344. Wang, Y.-H., Qian, H.-F., Feng, Y.-N., Huang, W., Tautomerism, crystal structure, and copper(II) complexation of isomeric pyridonylazo dyes derived from 2- and 4-aminobenzoic acids, Coloration Technology, 2016, Volume 132, Pages 433-440, @2016

2010

401. Angelova, P., Hinrichs, K., Philipova, I., Kostova, K., Tsankov, D.. Monolayer orientation of ω -substituted amide-bridged alkanethiols on gold. Journal of Physical Chemistry C, 114, 2, American Chemical Society, 2010, ISSN:19327447, DOI:10.1021/jp909883b, 1253-1259. SJR:1.995, ISI IF:4.52

Цумура се в:

1345. Chemisorbed layers at interfaces (2016) Monographs in Supramolecular Chemistry, 2016-January (19), pp. 252-302., @2016
402. Tylkowski, B., Trusheva, B., Bankova, V., Giamberini, M., Peev, G., Nikolova, A.. Extraction of biologically active compounds from propolis and concentration of extract by nanofiltration. Journal of Membrane Science, 348, 1-2, Elsevier, 2010, 124-130. ISI IF:3.673

Цумура се в:

1346. Machado, M. T. C., Trevisan, S., Pimentel-Souza, J. D. R., Pastore, G. M., Hubinger, M. D. "Clarification and concentration of oligosaccharides from artichoke extract by a sequential process with microfiltration and nanofiltration membranes", Journal of Food Engineering 180, 120-128 (2016), @2016

1347. Leo, C. P., Yeo, K. L., Lease, Y., Derek, C. J. C. "Fouling evaluation on nanofiltration for concentrating phenolic and flavonoid compounds in propolis extract", *Membrane Water Treatment* 7(4), 327-339 (2016)., @2016
 1348. Tsibranska, I., Karabojikova, V., Jeliaskov, J. "Concentration of flavonoids in ethanolic extracts from tobacco leaves through nanofiltration", *Bulgarian Chemical Communications* 48(2), 232-237 (2016)., @2016
 1349. Machado, B. A. S., Silva, R. P. D., Barreto, G. A., Costa, S. S., da Silva, D. F., Brandão, H. N., da Rocha, J. L. C., Dellagostin, O. A., Henriques, J. A. P., Umsza-Guez, M. A., Padilha, F. F. "Chemical Composition and Biological Activity of Extracts Obtained by Supercritical Extraction and Ethanolic Extraction of Brown, Green and Red Propolis Derived from Different Geographic Regions in Brazil", *PLoS ONE* 11(1), Art No e0145954 (2016)., @2016
 1350. Pereira, R. F., Bártolo, P. J. "Traditional Therapies for Skin Wound Healing", *Advances in Wound Care* 5(5), 208–229 (2016)., @2016
 1351. Weinwurm, F., Drljo, A., Waldmüller, W., Fiala, B., Niedermayer, J., Friedl, A. "Lignin concentration and fractionation from ethanol organosolv liquors by ultra- and nanofiltration", *Journal of Cleaner Production* 136B, 62–71 (2016)., @2016
 1352. Auamcharoen, W., Phankaew, C. "Antibacterial activity and phenolic content of propolis from four different areas of Thailand", *Int J Pharmaceut Sci Rev Res* 37(1), 77-82 (2016)., @2016
 1353. Barbosa, S. R. M., Holanda, G. C., da Costa, L. A. M. A., Flach, A. "Teor de fenólicos e atividade antioxidante de própolis em áreas de floresta e savana de Roraima", *Revista de Ciencia e Tecnologia* 2(3), (2016)*, <http://revista.ufrr.br/rct/article/viewFile/3869/2082>, @2016
 1354. Rabelo, R. S., Machado, M. T. C., Martínez, J., Hubinger, M. D. "Ultrasound assisted extraction and nanofiltration of phenolic compounds from artichoke solid wastes", *Journal of Food Engineering* 178, 170-180 (2016)., @2016
 1355. Lopresto, C. G., Darvishmanesh, S., Ehsanzadeh, A., Amelio, A., Mazinani, S., Ramazani, R., Calabrò, V., Van der Bruggen, B. "Application of organic solvent nanofiltration for microalgae extract concentration", *Biofuels Bioprod Bioref*, In Press, doi: 10.1002/bbb.1738 (2016)., @2016
-
403. Christov, V., **Mikhova, B.**, Ivanova, A., Serly, J., Molnar, J., Selenge, D., Solongo, A., **Kostova, N.**, Gerelt-Od, Y., Dimitrov, D.. Steroidal Alkaloids of *Veratrum lobelianum* Bernh. and *Veratrum nigrum* L.. *Zeitschrift fur Naturforschung C*, 65, 2010, ISSN:0939-5075, DOI:10.1515/znc-2010-3-405, 195-200. SJR:0.247, ISI IF:0.709
- Цумупа се в:*
1356. Gao, L., Chen, F., Li, X., Xu, S., Huang, W., Ye, Y. Three new alkaloids from *Veratrum grandiflorum* Loes with inhibition activities on Hedgehog pathway. *Bioorganic & Medicinal Chemistry Letters*, 2016, 26(19), 4735–4738., @2016
-
404. Petkova, I., **Dobrikov, G.**, Banerji, N., Duvanel, G., Perez, R., **Dimitrov, V.**, Nikolov, P., Vauthey, E.. Tuning the excited-state dynamics of GFP-inspired imidazolone derivatives. *Journal of Physical Chemistry A*, 114, 1, American Chemical Society, 2010, ISSN:10895639, DOI:10.1021/jp903900b, 10-20. SJR:1.039, ISI IF:2.625
- Цумупа се в:*
1357. Muselli, M., Colombeau, L., Hédouin, J., Hoarau, C., Bischoff, L., Mild, Efficient, One-Pot Synthesis of Imidazolones Promoted by N, O-Bis(trimethylsilyl)acetamide (BSA). *Synlett*, 2016, Volume 27, Pages 2819-2825, @2016

1358. Chatterjee, T., Mandal, M., Das, A., Bhattacharyya, K., Datta, A., and Mandal, P.K., Dual Fluorescence in GFP Chromophore Analogues: Chemical Modulation of Charge Transfer and Proton Transfer Bands, *Journal of Physical Chemistry B*, 2016, Volume 120, Pages 3503–3510, @2016
1359. Chatterjee, T., Mandal, M., and Mandal, P.K., Solvent H-bond accepting ability induced conformational change and its influence towards fluorescence enhancement and dual fluorescence of hydroxy meta-GFP chromophore analogue, *Physical Chemistry Chemical Physics*, 2016, Volume 18, Pages 24332--24342, @2016
1360. Triet S. Nguyen, Joong Hoon Koh, Susan Lefelhocz, and John Parkhill, Black-Box, Real-Time Simulations of Transient Absorption Spectroscopy. *Journal of Physical Chemistry Letters*, 2016, volume 7, pages 1590–1595, DOI: 10.1021/acs.jpcllett.6b00421, @2016
405. Petrova, B., Budinova, T., Tsyntsarski, B., Kochkodan, V., Shkavro, Z., Petrov, N.. Removal of aromatic hydrocarbons from water by activated carbon from apricot stones. *Chemical Engineering Journal*, 165, 1, Elsevier, 2010, ISSN:1385-8947, DOI:10.1016/j.cej.2010.09.026, 258-264. SJR:1.585, ISI IF:4.321

Цумура се в:

1361. Giri, S.K., Sahoo, P., Das, R., Das, N., Coke/Fe₃O₄ nanoparticle composites: synthesis, characterization and adsorption behaviour towards organic dyes, *Desalination and Water Treatment*, Vol. 57, No 37, pp. 17483-17493. DOI: 10.1080/19443994.2015.1085447., @2016
1362. Naushad, M., Khan, M.R., AlOthman, Z.A., Al-Muhtaseb, A.H., Awual, M.R., Alqadami, A.A. Water Purification Using Cost Effective Material Prepared from Agricultural Waste: Kinetics, Isotherms, and Thermodynamic Studies, *Clean - Soil, Air, Water*, Vol. 44, No 8, pp. 1036-1045. DOI: 10.1002/clen.201600027., @2016
1363. Sun, Y., Zhang, J.P., Guo, F., Zhang, L. Optimization of the preparation of activated carbon from steam activated cornstraw black liquor for phenol removal, *Asia-Pacific Journal of Chemical Engineering*, Vol. 11, No 4, pp. 594-602. DOI: 10.1002/apj.1983., @2016
1364. Ahmed, M.J., Preparation of activated carbons from date (*Phoenix dactylifera* L.) palm stones and application for wastewater treatments: Review, *Process Safety and Environmental Protection*, Vol. 102, pp. 168-182. DOI: 10.1016/j.psep.2016.03.010, @2016
406. Sawaya, A.C.H.F., Abdelnur, P. V., Eberlin, M.N., Kumazawa, S., Ahn, M.-R., Bang, K.-S., Nagaraja, N., Bankova, V. S., Afruzan, H.. Fingerprinting of Propolis by Easy Ambient Sonic-Spray Ionization Mass Spectrometry.. *Talanta*, 81, 2010, 100-108. ISI IF:3.722

Цумура се в:

1365. Pierini, G.D., D.D. Sousa Fernandes, P.H.G. Dias Diniz, M.C. Ugulino de Araújo, M.S. Di Nezio, M.E. Centurión. *Microchemical Journal* 128, 62-67, @2016
407. Trendafilova, A., Todorova, M., Vitkova, A.. Essential Oil Composition of *Achillea clusiana* from Bulgaria. *Natural Product Communications*, 5, Natural Product Inc., 2010, ISSN:1934-578X (printed); 1555-9475 (online), 129-132. SJR:0.286, ISI IF:0.894

Цумура се в:

1366. Nekoei, M., Mohammadhosseini, M. Chemical Compositions of the Essential Oils from the Aerial Parts of *Achillea wilhelmsii* Using Traditional Hydrodistillation, Microwave Assisted Hydro- distillation and Solvent-Free Microwave Extraction Methods: Comparison with the Volatile Compounds Obtained by Headspace Solid-Phase Microextraction (2016) *Journal of Essential Oil-Bearing Plants*, 19 (1), pp. 59-75, @2016

- 408. Popova, M.,** Szegedi, A., Cherkezova-Zheleva, Z. P., Dimitrova, A., Mitov, I. Toluene oxidation on chromium- and copper-modified SiO₂ and SBA-15. *Applied Catalysis A: General*, 381, Elsevier, 2010, ISSN:0926-860X, 26-35. ISI IF:3.383

Цитупа се в:

- 1367.** Rokicińska, A., Natkański, P., Dudek, B., Drozdek, M., Lityńska-Dobrzyńska, L., Kuśtrowski, P., Co₃O₄-pillared montmorillonite catalysts synthesized by hydrogel-assisted route for total oxidation of toluene, *Applied Catalysis B: Environmental*, 195, pp. 59-68, @2016, @2016
- 1368.** Chlala, D., Labaki, M., Giraudon, J.-M., Gardoll, O., Denicourt-Nowicki, A., Roucoux, A., Lamonier, J.-F., Toluene total oxidation over Pd and Au nanoparticles supported on hydroxyapatite, *Comptes Rendus Chimie*, 19 (4), pp. 525-537, @2016, @2016

- 409. Popova, M.,** Szegedi, A.. Toluene hydrogenation over nickel-containing MCM-41 and Ti-MCM-41 materials. *Journal of Porous Materials*, 17, 6, Springer, 2010, ISSN:1380-2224, 663-668. ISI IF:0.984

Цитупа се в:

- 1369.** Mokrane, T., Boudjahem, A.-G., Bettahar, M., Benzene hydrogenation over alumina-supported nickel nanoparticles prepared by polyol method, *RSC Advances*, 6 (64), pp. 59858-59864, @2016, @2016

- 410. Ivanova, G., Yakimova, B., Angelova, S., Stoineva, I., Enchev, V..** Influence of pH on the cis-trans isomerization of Valine-Proline dipeptide: an integrated NMR and theoretical investigation. *Journal of Molecular Structure*, 975, 1-3, Elsevier, 2010, ISSN:0022-2860, DOI:10.1016/j.molstruc.2010.04.046, 330-334. ISI IF:1.599

Цитупа се в:

- 1370.** S. Bouabdallah, M.T. Ben Dhia, M.R. Driss, S. Touil, INVESTIGATION OF THE ENERGY BARRIER TO THE ROTATION OF AMIDE C-N BONDS IN ACE INHIBITORS BY NMR, DYNAMIC HPLC AND DFT, *Journal of Pharmaceutical and Biomedical Analysis*, in press, doi:10.1016/j.jpba.2016.05.049, @2016

- 411. Trendafilova, A.,** Chanev, C., Todorova, M.. Ultrasound-assisted extraction of alantolactone and isoalantolactone from *Inula helenium* roots. *Pharmacognosy Magazine*, 6, 23, Wolters Kluwer - Medknow, 2010, ISSN:0973-129, DOI:DOI: 10.4103/0973-1296.66942, 234-237. SJR:0.217, ISI IF:0.432

Цитупа се в:

- 1371.** Weng, Z., Gao, H., Hu, J., Fan, Y., Wang, H., Li, L., Isoalantolactone induces autophagic cell death in SKOV3 human ovarian carcinoma cells via upregulation of PEA-15 (2016) *Oncology Reports*, 35 (2), pp. 833-840, @2016

- 412. Iliev, I.,** Petkov, G., Lukavsky, J., Furnadzhieva, S., Andreeva, R., Bankova, V.. The alga *Trachydiscus minutus* (*Pseudostaurastrum minutum*), growth and composition. *General and Applied Plant Physiology* 2, 36, 3-4, 2010, ISSN:1312-8183, 222-231

Цитупа се в:

- 1372.** Cepák V., P. Příbyl, V. Jiříčný, J. Kohoutková. *Genetics and Plant Physiology* 6(3-4), 103-115, @2016

- 413. Popova, M.,** Chen, C.-N., Chen, P.-Y., Huang, C.-Y., Bankova, V.. A Validated Spectrophotometric Method for Quantification of Prenylated Flavanones in Pacific Propolis from Taiwan. *Phytochemical*

Цумура се в:

1373. Ibrahim, N., Niza, N.F.S.M., Rodi, M.M.M., Zakaria, A.J., Ismail, Z., Mohd, K.S. Chemical and biological analyses of Malaysian stingless bee propolis extracts [Analysis kimia dan biologi ekstrak propolis lebah kelulut Malaysia]. Malaysian Journal of Analytical Sciences 20, 413-422, 2016., @2016
1374. de Paula, E.M., Samensari, R.B., Machado, E., Pereira, L.M., Maia, F.J., Yoshimura, E.H., Franzolin, R., Faciola, A.P., Zeoula, L.M. Effects of phenolic compounds on ruminal protozoa population, ruminal fermentation, and digestion in water buffaloes. Livestock Science 185, 136-141, 2016., @2016
1375. Al-Ghamdi, A.A., Bayaqoob, N.I.M., Rushdi, A.I., Alattal, Y., Simoneit, B.R.T., El-Mubarak, A.H., Al-Mutlaq, K.F. Saudi Journal of Biological Sciences (2016)*, doi: <http://dx.doi.org/10.1016/j.sjbs.2016.12.012>, @2016
414. Shatar, S, Staneva, J, Altantsetseg, S, **Todorova M.** Essential oil composition of three Ajania species from Mongolia. Journal of Essential Oil-Bearing Plants, 13, 4, Taylor & Francis, 2010, ISSN:0972-060X, 460-464. ISI IF:0.34

Цумура се в:

1376. Chemical Constituents and Insecticidal Activities of Ajania fruticulosa Essential Oil, @2016
415. **Stamboliyska, B.**, Janevska, V., Shivachev, B., Nikolova, R., Stojkovic, G., **Mikhova, B.**, Popovski, E.. 67. Experimental and Theoretical Investigation of the Structure and Nucleophilic Properties of 4-Aminocoumarine. Arkivoc, 10, ARKAT USA, Inc., 2010, ISSN:1551-7012, 62-76. ISI IF:1.25

Цумура се в:

1377. Jadhav, G.R., Deshmukh, D.G., Medhane, V.J., Gaikwad, V.B., Bholay, A.D. 2, 5-Disubstituted 1, 3, 4-oxadiazole derivatives of chromeno[4, 3-b]pyridine: Synthesis and study of antimicrobial potency (2016) Heterocyclic Communications, 22 (3), pp. 123-130., @2016
416. **Tsoncheva T.**, Roggenbuck J., Paneva D., **Dimitrov M.**, Mitov I., Froba M.. Nanosized iron and chromium oxides supported on mesoporous CeO₂ and SBA-15 silica: Physicochemical and catalytic study. Applied Surface Science, 257, 2, Elsevier, 2010, ISSN:0169-4332, DOI:doi:10.1016/j.apsusc.2010.07.027, 523-530. SJR:0.913, ISI IF:2.827

Цумура се в:

1378. Liu, H., Chen, L., Ding, J., Adsorption behavior of magnetic amino-functionalized metal-organic framework for cationic and anionic dyes from aqueous solution, @2016
1379. Pei, Z., Zheng, X., Li, Z., Progress on synthesis and applications of Cr₂O₃ nanoparticles, @2016
417. Todorova, G., Lazarova, I., **Mikhova, B.**, Kostova, I.. Anthraquinone, naphthalene, and naphthoquinone components of Asphodeline lutea. Chemistry of Natural Compounds, 46, 2, Springer, New York, 2010, ISSN:ISSN:0009-3130E-ISSN:1573-8388, 322-323. ISI IF:0.47

Цумура се в:

1380. Zengin, G., Locatelli, M., Ceylan, R., Aktumsek, A. Anthraquinone profile, antioxidant and enzyme inhibitory effect of root extracts of eight Asphodeline taxa from Turkey: can Asphodeline roots be considered as a new source of natural compounds? (2016) Journal of

1381. Zengin, G., Aktumsek, A., Girón-Calle, J., Vioque, J., Megías, C. Nutritional quality of the seed oil in thirteen Asphodeline species (Xanthorrhoeaceae) from Turkey (2016) *Grasas y Aceites*, 67 (3), art. no. e141, @2016
1382. Zengin, G. A study on in vitro enzyme inhibitory properties of *Asphodeline anatolica*: New sources of natural inhibitors for public health problems (2016) *Industrial Crops and Products*, 83, pp. 39-43., @2016
418. T.Tsoncheva, E.Manova, N.Velinov, D.Paneva, M.Popova, B.Kunev, K.Tenchev, I. Mitov. Thermally synthesized nanosized copper ferrites as catalysts for environment protection. *Catalysis Communications*, 12, Elsevier, 2010, ISSN:1566-7367, DOI:doi:10.1016/j.catcom.2010.08.007, 105-109. SJR:1.081, ISI IF:3.718
- Цитупа се в:*
1383. Bhukal, S., Dhiman, M., Bansal, S., Tripathi, M.K., Singhal, S., Substituted Co-Cu-Zn nanoferrites: Synthesis, fundamental and redox catalytic properties for the degradation of methyl orange, *RSC Advances*, 6 (2), pp. 1360-1375, @2016, @2016
1384. Zhang, X., Feng, M., Qu, R., Wang, L., Wang, Z., Catalytic degradation of diethyl phthalate in aqueous solution by persulfate activated with nano-scaled magnetic CuFe₂O₄/MWCNTs, *Chemical Engineering Journal*, 301, pp. 1-11, @2016, @2016
1385. Yadav, R.S., Havlica, J., Masilko, J., Kuřitka, I., Kožáková, Z., Cation Migration-Induced Crystal Phase Transformation in Copper Ferrite Nanoparticles and Their Magnetic Property, *Journal of Superconductivity and Novel Magnetism*, 29(3) , pp. 759-769, @2016, @2016
1386. Uacearnaigh, D.C., Baghi, R., Hope-Weeks, L.J., Sol-gel synthesis of a series of first row d-block ferrites: Via the epoxide addition method, *RSC Advances*, 6 (53), pp. 48212-48221, @2016, @2016
1387. Dhiman, M., Goyal, A., Kumar, V., Singhal, S., Designing different morphologies of NiFe₂O₄ for tuning of structural, optical and magnetic properties for catalytic advancements, *New Journal of Chemistry*, 40 (12), pp. 10418-10431, @2016
419. Kratchanova, M., Nikolova, M., Pavlova, E., Yanakieva, I., Kussovski, V.. Composition and properties of biologically active pectic polysaccharides from leek (*Allium porrum*). *Journal of the Science of Food and Agriculture*, 90, 12, Wiley, 2010, ISSN:1097-0010, DOI:10.1002/jsfa.4050, 2046-2051. ISI IF:1.1

Цитупа се в:

1388. Müller-Maatsch, J., Bencivenni, M., Caligiani, A., Elst, K., Sforza, S. (2016) Pectin content and composition from different food waste streams. *Food Chemistry*, 201, pp. 37-45, @2016
420. Dimitrov, M., Tsoncheva, T., Shao, S., Köhn, R.. Novel preparation of nanosized mesoporous SnO₂ powders: Physicochemical and catalytic properties. *Applied Catalysis B: Environmental*, 94, 1-2, Elsevier, 2010, ISSN:0926-3373, DOI:http://dx.doi.org/10.1016/j.apcatb.2009.11.004, 158-165. SJR:2.322, ISI IF:8.328

Цитупа се в:

1389. Sivakarthik, P., Thangaraj, V., Perumalraj, K., Balaji, J., Synthesis of co-doped tin oxide nanoparticles for photo catalytic degradation of synthetic organic dyes, (2016), *Digest Journal of Nanomaterials and Biostructures*, 11 (3), pp. 935-943, @2016
1390. Viet, P.V., Thi, C.M., Hieu, L.V., The High Photocatalytic Activity of SnO₂ Nanoparticles Synthesized by Hydrothermal Method, (2016), *Journal of Nanomaterials Volume 2016* (2016),

1391. Fan, J., Zhang, J., Solsona, P., Suriñach, S., Baró, M.D., Sort, J., Pellicer, E., Nanocasting synthesis of mesoporous SnO₂ with a tunable ferromagnetic response through Ni loading, (2016), RSC Advances, Volume 6, Issue 106, 2016, Pages 104799-104807, @2016
421. Trusheva, B., Todorov, I., Ninova, M., Najdenski, H., Daneshmand, A., Bankova, V.. Antibacterial mono- and sesquiterpene esters of benzoic acids from Iranian propolis. Chemistry Central Journal, 4, 2010, Art No 8. ISI IF:1.119
- Цумура се в:*
1392. Usman, U. Z., Abu Bakar, A. B., Mohamed, M. “Phytochemical composition and activity against hyperglycaemia of Malaysian propolis in diabetic rats”, Biomed Res- India 27(1), 46-51 (2016)., @2016
1393. Aschenbrenner, A.-K., Kwon, M., Conrad, J., Ro, D.-K., Spring, O. “Identification and characterization of two bisabolene synthases from linear glandular trichomes of sunflower (*Helianthus annuus* L., Asteraceae)”, Phytochemistry 124, 29-37 (2016)., @2016
1394. Sajjadi, S. E., Eskandarian, A.-A., Shokoohinia, Y., Yousefi, H.-A., Mansourian, M., Asgarian-Nasab, H., Mohseni, N. “Antileishmanial activity of prenylated coumarins isolated from *Ferulago angulata* and *Prangos asperula*”, Research in Pharmaceutical Sciences 11(4), 324-331 (2016)., @2016
1395. Moniruzzaman, M., Sulaiman, S. A., Gan, S. H. “Phenolic acid and flavonoid composition of Malaysian honeys”, J Food Biochem, In Press, doi: 10.1111/jfbc.12282 (2016)., @2016
422. Stoyanova, R., Barra, A.-L., Yoncheva, M., Zhecheva, E., Shinova, E., Tzvetkova, P., Simova, S.. High-frequency electron paramagnetic resonance analysis of the oxidation state and local structure of Ni and Mn Ions in Ni, Mn-Codoped LiCoO₂. Inorganic Chemistry, 49, 4, ACS, 2010, ISSN:0020-1669(Print) 1520-510X(Online), DOI:10.1021/ic902351u, 1932-1941. SJR:1.68, ISI IF:4.762

Цумура се в:

1396. Leto, D. F., Massie, A. A., Colmer, H. E., Jackson, T. A., X-Band Electron Paramagnetic Resonance Comparison of Mononuclear MnIV-oxo and MnIV-hydroxo Complexes and Quantum Chemical Investigation of MnIV Zero-Field Splitting, Inorganic Chemistry, 55(7), pp. 3272-3282., @2016
1397. Liu, H., Bugnet, M., Tessaro, M. Z., (...), Goward, G., Botton, G., Spatially Resolved Surface Valence Gradient and Structural Transformation of Lithium Transition Metal Oxides in Lithium-Ion Batteries, Physical Chemistry Chemical Physics, 18(42), pp. 29064-29075, @2016
1398. Zlatar, M., Gruden, M., Vassilyeva, O. Y., (...), Garcia-Fernandez, P., Duboc, C., Origin of the Zero-Field Splitting in Mononuclear Octahedral MnIV Complexes: A Combined Experimental and Theoretical Investigation, Inorganic Chemistry, 55(3), 1192-1201., @2016
423. Velasco, L. F., Tsyntsarski, B., Petrova, B., Budinova, T., Petrov, N., Parra, J.B., Conchi Ania, C.O.. Carbon foams as catalyst supports for phenol photodegradation. Journal of Hazardous Materials, 184, 1-3, Elsevier, 2010, ISSN:0304-3894, DOI:10.1016/j.jhazmat.2010.08.118, 843-848. SJR:1.644, ISI IF:5.277

Цумура се в:

1399. Arami-Niya, A., Rufford, T.E., Zhu, Z., Activated carbon monoliths with hierarchical pore structure from tar pitch and coal powder for the adsorption of CO₂, CH₄ and N₂, Carbon, Vol.

1400. Roy, A.K., Zhong, M., Schwab, M.G., Binder, A., Venkataraman, S.S., Tomović, Z., Preparation of a Binder-Free Three-Dimensional Carbon Foam/Silicon Composite as Potential Material for Lithium Ion Battery Anodes, *ACS Applied Materials and Interfaces*, Vol. 8, No 11, pp. 7343-7348. DOI: 10.1021/acsami.5b12026, @2016
1401. Andrew Lin, K.-Y., Chang, H.-A., Chen, B.-J., Multi-functional MOF-derived magnetic carbon sponge, *Journal of Materials Chemistry A*, 4 (35), pp. 13611-13625. DOI: 10.1039/c6ta04619c., @2016
424. Ciz M, Cizova H, **Denev P., Kratchanova M.**, Slavov A., Lojek A. Different methods for control and comparison of the antioxidant properties of vegetables. *Food Control*, 21, Elsevier, 2010, 518-523. SJR:1.004, ISI IF:2.812

Цумура се в:

1402. Bunaciu A.A., Danet AF, Fleschin S., Aboul-Enein H. (2016) Recent Applications for in Vitro Antioxidant Activity Assay. *Critical Reviews in Analytical Chemistry*, 46(5), 389-399., @2016
1403. Kaur, D., Kaur, A., Arora, S. (2016) Delineation of attenuation of oxidative stress and mutagenic stress by *Murraya exotica* L. leaves. *SpringerPlus*, 5 (1), art. no. 1037., @2016
1404. Genskowsky, E., Puente, L.A., Pérez-Álvarez, J.A., Fernández-López, J., Muñoz, L.A., Viuda-Martos, M. (2016) Determination of polyphenolic profile, antioxidant activity and antibacterial properties of maqui [*Aristotelia chilensis* (Molina) Stuntz] a Chilean blackberry, *Journal of the Science of Food and Agriculture*, pp. 4235-4242., @2016
1405. Vieira, J.M., Flores-López, M.L., de Rodríguez, D.J., Sousa, M.C., Vicente, A.A., Martins, J.T. (2016) Effect of chitosan-Aloe vera coating on postharvest quality of blueberry (*Vaccinium corymbosum*) fruit. *Postharvest Biology and Technology*, 116, pp. 88-97., @2016
1406. Van de Velde, F., Grace, M.H., Esposito, D., Pirovani, M.T., Lila, M.A. (2016) Quantitative comparison of phytochemical profile, antioxidant, and anti-inflammatory properties of blackberry fruits adapted to Argentina. *Journal of Food Composition and Analysis*, 47, pp. 82-91., @2016
1407. Sanjaya, Y.A., Widjanarko, S.B., Setijawati, D., Masruri (2016) Phytochemicals properties and fatty acid profile of green seaweed *Caulerpa racemosa* from Madura, Indonesia. *International Journal of ChemTech Research*, 9 (5), pp. 425-431., @2016
1408. Sajkowska-Kozielewicz, J.J., Kozielewicz, P., Barnes, N.M., Wawer, I., Paradowska, K. (2016) Antioxidant, Cytotoxic, and Antiproliferative Activities and Total Polyphenol Contents of the Extracts of *Geissospermum reticulatum* Bark. *Oxidative Medicine and Cellular Longevity*, 2016, art. no. 2573580., @2016
1409. Mohamed, S.A., Awad, M.A., El-Dengawy, E.-R.F.A., Abdel-Mageed, H.M., El-Badry, M.O., Salah, H.A., Abdel-Aty, A.M., Fahmy, A.S. (2016) Total phenolic and flavonoid contents and antioxidant activities of sixteen commercial date cultivars grown in Saudi Arabia. *RSC Advances*, 6 (50), pp. 44814-44819., @2016
1410. Al-Qurashi A.D., Awad M.A. (2016) Quality, Antioxidant Capacity, Antioxidant Compounds and Enzyme Activities of 'El-Bayadi' Table Grapes as Affected by Postharvest UVC Radiation. *Philippine Agricultural Scientist*, 99 (1), 34-41., @2016
1411. Shaimaa GA, Mahmoud MS, Mohamed MR, Emam AA (2016) Phytochemical Screening, Antioxidant Activities and In Vitro Anticancer Potential of Egyptian Capsicum Spp. *Biochemistry & Pharmacology*, 5: 205, article ID 1000205., @2016

1412. Shaimaa GA, Mahmoud MS, Mohamed MR, Emam AA (2016) Effect of Heat Treatment on Phenolic and Flavonoid Compounds and Antioxidant Activities of Some Egyptian Sweet and Chilli Pepper. *Natural Products Chemistry & Research*, 4: 218. article ID 1000218, @2016

425. Denev P., Ciz M, Ambrozova G., Lojek A, Yanakieva I, **Kratchanova M..** Solid phase extraction of berries' anthocyanins and evaluation of their antioxidative properties. *Food Chemistry*, 123, Elsevier, 2010, 1055-1063. SJR:1.748, ISI IF:3.458

Цумура се в:

1413. Ngamdee P., Jiamyangyuen S., Parkin Kl. (2016) Phase II enzyme induction and anti-inflammatory effects of crude extracts and secondary fractions obtained from bran from five black glutinous rice cultivars. *International Journal of Food Science & Technology*, 51 (2), pp. 333-341, @2016

1414. Flores FP, Singh RL. Kong F (2016) Anthocyanin Extraction, Microencapsulation and Release Properties During In Vitro Digestion, *Food Reviews International*, 32 (1), pp. 46-67., @2016

1415. Figueira, M.-E., Oliveira, M., Direito, R., Rocha, J., Alves, P., Serra, A.-T., Duarte, C., Bronze, R., Fernandes, A., Brites, D., Freitas, M., Fernandes, E., Sepodes, B. (2016) Protective effects of a blueberry extract in acute inflammation and collagen-induced arthritis in the rat. *Biomedicine and Pharmacotherapy*, 83, pp. 1191-1202., @2016

1416. Caruso, M.C., Galgano, F., Tolve, R., Pecora, M., Tedesco, I., Favati, F., Condelli, N. Nutraceutical properties of wild berry fruits from Southern Italy (2016) *Journal of Berry Research*, 6 (3), pp. 321-332., @2016

1417. Lanez, T., Henni, M. (2016) Antioxidant activity and superoxide anion radical interaction with 2-(ferrocenylmethylamino) benzonitrile and 3-(ferrocenylmethylamino) benzonitrile. *Journal of the Iranian Chemical Society*, 13 (9), pp. 1741-1748., @2016

1418. Ćujić, N., Trifković, K., Bugarski, B., Ibrić, S., Pljevljakušić, D., Šavikin, K. (2016) Chokeberry (*Aronia melanocarpa* L.) extract loaded in alginate and alginate/inulin system. *Industrial Crops and Products*, 86, pp. 120-131., @2016

1419. Šumić, Z., Vakula, A., Tepić, A., Čakarević, J., Vitas, J., Pavlić, B. (2016) Modeling and optimization of red currants vacuum drying process by response surface methodology (RSM). *Food Chemistry*, 203, pp. 465-475., @2016

1420. Onyeoziri, U.P., Romanus, E.N., Onyekachukwu, U.I. (2016) Assessment of antioxidant capacities and phenolic contents of nigerian cultivars of onions (*Allium cepa* l) and garlic (*Allium sativum* l). *Pakistan Journal of Pharmaceutical Sciences*, 29 (4), pp. 1183-1188., @2016

1421. Simić, V.M., Rajković, K.M., Stojičević, S.S., Veličković, D.T., Nikolić, N.Č., Lazić, M.L., Karabegović, I.T. (2016) Optimization of microwave-assisted extraction of total polyphenolic compounds from chokeberries by response surface methodology and artificial neural network. *Separation and Purification Technology*, 160, pp. 89-97., @2016

1422. Ötles, S., Kartal, C. (2016) Solid-Phase Extraction (SPE): Principles and applications in food samples. *Acta Scientiarum Polonorum, Technologia Alimentaria*, 15 (1), pp. 5-15., @2016

1423. Michalska A., Carlen C., Heritier J., Andlauer W., (2016) Profiles of bioactive compounds in fruits and leaves of strawberry cultivars. *Journal of Berry Research*, 7, pp. 1-14, @2016

426. Georgiev M., Alipieva K., Pashova S., **Denev P.,** Angelova M., Kerns G, Bley T.. Antioxidant Activity of Devil's Claw Cell Biomass and Its Active Constituents. *Food Chemistry*, 121, 4, Elsevier, 2010, 967-972. SJR:1.748, ISI IF:3.458

Цумура се в:

1424. Grąbkowska R., Matkowski A., Grzegorzczak-Karolak I., Wysokińska H. (2016) Callus cultures of *Harpagophytum procumbens* (Burch.) DC. ex Meisn.; production of secondary metabolites and antioxidant activity. *South African Journal of Botany*, 103, 41–48, @2016
1425. Muzila M. (2016). Genetic, morphological and chemical variation in the genus *Harpagophytum*. Diss. (sammanfattning/summary) Alnarp : Sveriges lantbruksuniv. PhD thesis, Swedish University of Agricultural Sciences, @2016
1426. Mihailović, V. , Kreft, S., Benković, E.T., Ivanović, N., Stanković, M.S. Chemical profile, antioxidant activity and stability in stimulated gastrointestinal tract model system of three *Verbascum* species. *Industrial Crops and Products*, 89, 141-151., @2016
427. Georgiev V, Weber J, Kneschke E. M, **Denev P.**, Bley T., Pavlov A.. Antioxidant activity and phenolic content of betalain extracts from intact plants and hairy root cultures of the red beetroot *Beta vulgaris* cv. Detroit Dark Red. *Plant Foods for Human Nutrition*, 65, 2, Springer, 2010, 105-111. SJR:1.103, ISI IF:2.463

Цумура се в:

1427. Herrero FG, Escribano J, García-Carmona F (2016) Biological Activities of Plant Pigments Betalains. *Critical Reviews in Food Science and Nutrition*, 56(6), 937-945., @2016
1428. Mahomoodally, M.F., Ramjuttun, P. (2016) A quantitative ethnobotanical survey of phytocosmetics used in the tropical island of Mauritius. *Journal of Ethnopharmacology*, 193, pp. 45-59., @2016
1429. Dos Santos, C.D., Scherer, R.K., Cassini, A.S., Marczak, L.D.F., Tessaro, I.C. (2016) Clarification of red beet stalks extract by microfiltration combined with ultrafiltration. *Journal of Food Engineering*, 185, pp. 35-41., @2016
1430. Eisinaite, V., Juraite, D., Schroën, K., Leskauskaitė, D. (2016) Preparation of stable food-grade double emulsions with a hybrid premix membrane emulsification system. *Food Chemistry*, 206, pp. 59-66., @2016
1431. Jung, L., Song, Y.-O., Choe, E. (2016) Effects of gardenia seed, green tea, and cactus pear in rice batter on the chemical quality of lotus root bugak and frying oil. *Food Science and Biotechnology*, 25 (4), pp. 1029-1034., @2016
1432. Caldas-Cueva, J.P., Morales, P., Ludeña, F., Betalleluz-Pallardel, I., Chirinos, R., Noratto, G., Campos, D. (2016) Stability of Betacyanin Pigments and Antioxidants in Ayrampo (*Opuntia soehrensii* Britton and Rose) Seed Extracts and as a Yogurt Natural Colorant. *Journal of Food Processing and Preservation*, 40 (3), pp. 541-549., @2016
1433. Paciulli, M., Medina-Meza, I.G., Chiavaro, E., Barbosa-Cánovas, G.V. (2016) Impact of thermal and high pressure processing on quality parameters of beetroot (*Beta vulgaris* L.). *LWT - Food Science and Technology*, 68, pp. 98-104., @2016
1434. Tumbas Šaponjac, V., Čanadanović-Brunet, J., Četković, G., Jakišić, M., Djilas, S., Vulić, J., Stajčić, S.D.S. (2016) Encapsulation of beetroot pomace extract: RSM optimization, storage and gastrointestinal stability. *Molecules*, 21 (5), art. no. 584., @2016
1435. Petrova, I., Petkova, N., Ivanov, I. (2016) Five edible flowers – Valuable source of antioxidants in human nutrition. *International Journal of Pharmacognosy and Phytochemical Research*, 8 (4), pp. 604-610., @2016
1436. Dias, M.I., Sousa, M.J., Alves, R.C., Ferreira, I.C.F.R. (2016) Exploring plant tissue culture to improve the production of phenolic compounds: A review. *Industrial Crops and Products*, 82, pp. 9-22., @2016

1437. Van Hoorebeke J., Trias C, Davis B., Lozada C. Casazza G. (2016) Betalain-Rich Concentrate Supplementation Improves Exercise Performance in Competitive Runners. *Sports*, 4(3), ID 40., @2016
1438. Vasconcellos, J., Conte-Junior, C., Silva, D., Pierucci, A.P., Paschoalin, V., Alvares, T.S. (2016) Comparison of total antioxidant potential, and total phenolic, nitrate, sugar, and organic acid contents in beetroot juice, chips, powder, and cooked beetroot. *Food Science and Biotechnology*, 25 (1), pp. 79-84., @2016
1439. Da Silva, D.V.T., De Oliveira Silva, F., Perrone, D., Pierucci, A.P.T.R., Conte-Junior, C.A., Da Silveira Alvares, T., Del Aguila, E.M., Paschoalin, V.M.F. (2016) Physicochemical, nutritional, and sensory analyses of a nitrate-enriched beetroot gel and its effects on plasmatic nitric oxide and blood pressure. *Food and Nutrition Research*, 60, art. no. 29909., @2016
1440. Mikołajczyk-Bator, K., Pawlak, S. (2016) The effect of thermal treatment on antioxidant capacity and pigment contents in separated betalain fractions. *Acta Scientiarum Polonorum, Technologia Alimentaria*, 15 (3), pp. 257-265., @2016
1441. Değirmencioglu, N., Gurbuz, O., Şahan, Y. (2016) The Monitoring, Via an In vitro Digestion System, of the Bioactive Content of Vegetable Juice Fermented with *Saccharomyces cerevisiae* and *Saccharomyces boulardii*. *Journal of Food Processing and Preservation*, 40 (4), pp. 798-811., @2016
1442. Masek A., Chrzescijanska E., Latos M., (2016) Determination of Antioxidant Activity of Caffeic Acid and p-Coumaric Acid by Using Electrochemical and Spectrophotometric Assays. *International Journal of Electrochemical Science*, 11, 10644 – 1065, @2016
1443. Chung, I.-M., Rekha, K., Rajakumar, G., & Thiruvengadam, M. (2016). Production of glucosinolates, phenolic compounds and associated gene expression profiles of hairy root cultures in turnip (*Brassica rapa* ssp. *rapa*). *3 Biotech*, 6(2), 175. <http://doi.org/10.1007/s13205-016-0492-9>, @2016
1444. Guiné R., Roque A. Gonçalves F. Correia P. (2016) Development of an innovative jambased on beetroot. *Journal of food science research*, 1(2), 49-53., @2016
1445. Amirasgari N., Mirsaeedghazi H. (2016) Non-thermal Production of Natural betalain Colorant Concentrate from Red Beet Extract by Using the Osmotic Distillation. *Nutrition and Food Sciences Research*, 3(2), 27-34., @2016
1446. Jha R., Gupta R. (2016) Development of energy drink containing *Aegle marmelos*, *Rubia cordifolia*, *Phyllanthus emblica* and *Beta vulgaris* and its phytochemical, nutritive and antimicrobial analysis. *Journal of Pharmacognosy and Phytochemistry*, 5(1): 186-193, @2016
1447. Lim T. (2016) *Beta vulgaris*. In. *Edible Medicinal and Non-Medicinal Plants*, pp 26-68. Springer, @2016
1448. Székely D, . Illés B., Stéger-Máté M., Monspart-Sényi J. (2016) Effect of drying methods for inner parameters of red beetroot (*Beta vulgaris* L.). *Acta Universitatis Sapientiae, Alimentaria*, 9(1), 60-68., @2016
1449. Clifford, T., Constantinou, C.M., Keane, K.M. (2016) The plasma bioavailability of nitrate and betanin from *Beta vulgaris rubra* in humans. *European Journal of Nutrition*. doi. 10.1007/s00394-016-1173-5, @2016
1450. García-Lucas, K. A., Méndez-Lagunas, L. L., Rodríguez-Ramírez, J., Campanella, O. H., Patel, B. K. and Barriada-Bernal, L. G. (2016), Physical properties of spray dried *Stenocereus griseus* pitaya juice powder. *Journal of Food Process Engineering*. doi:10.1111/jfpe.12470, @2016

concept for a sensing molecule with an active side-arm. Tetrahedron, 66, Elsevier, 2010, ISSN:0040-4020, DOI:10.1016/j.tet.2010.04.049, 4292-4297. SJR:0.872, ISI IF:2.641

Цитируа се в:

1451. Dubonosov, A. D.; Bren, V. A.; Minkin, V. I.; Enolimine–Ketoenamine Tautomerism for Chemosensing, in Tautomerism: Concepts and Applications in Science and Technology (ed L. Antonov), 2016, Wiley-VCH Verlag GmbH & Co. KGaA, Weinheim, Germany, chapter 10, pp. 229-252., @2016

1452. Тхани, Аль-Саиди Мохаммед Забун; Таутомерия и экстракционно-фотометрическое определение фенилазонафтолов с применением смешанных мицелл поверхностно-активных веществ, ФГБОУ ВПО Саратовский Государственный Университет имени Н. Г. Чернышевского, Саратов, 2016, @2016

429. Nedelcheva P, Denkova Z, **Denev P.**, Slavchev A., Krastanov A.. Probiotic Strain Lactobacillus Plantarum NBIMCC 2415 with Antioxidant Activity as a Starter Culture in the Production of Dried Fermented Meat Products. Biotechnology and Biotechnological Equipment, 24, 1, Taylor and Francis Group, 2010, 1624-1630. SJR:0.182, ISI IF:0.503

Цитируа се в:

1453. Wulandari, A.S., Tandrasasmita, O.M., Tjandrawinata, R.R. (2016) Immunomodulatory and macrophage activating activity of Lactobacillus fermentum DLBSA204 in response to respiratory infection in a cellular model. Biosciences Biotechnology Research Asia, 13(3), 1291-1302; dx.doi.org/10.13005/bbra/2269, @2016

430. **Kratchanova M., Denev P.**, Ciz M, Lojek A, Kratchanova M.. Evaluation of the antioxidant activity of medicinal plants containing polyphenol compounds. Comparison of two extraction systems. Acta Biochimica Polonica, 57, 2010, 229-234. SJR:0.521, ISI IF:1.241

Цитируа се в:

1454. Ambrosio, R., Ombra, M.N., Gridelli, C., Picariello, G., Di Stasio, M., Volpe, M.G. (2016) Isoflavone extracts enhance the effect of epidermal growth factor receptor inhibitors in NSCLC cell lines. Anticancer Research, 36 (11), pp. 5827-5833., @2016

1455. Dušek, M., Jandovská, V., Čermák, P., Mikyška, A., Olšovská, J. (2016) A novel approach for identification of biologically active phenolic compounds in complex matrices using hybrid quadrupole-orbitrap mass spectrometer: A promising tool for testing antimicrobial activity of hops. Talanta, 156-157, pp. 209-217., @2016

1456. Nattoh, G., Musieba, F., Gatebe, E., Mathara, J. (2016) Towards profiling differential distribution of bioactive molecules across four phenologies in Pleurotus djamor R22. Asian Pacific Journal of Tropical Disease, 6 (6), pp. 472-480., @2016

1457. Szabó, K., Malekzadeh, M., Radácsi, P., Ladányi, M., Rajhárt, P., Inotai, K., Tavaszi-Sárosi, S., Németh, É. (2016) Could the variety influence the quantitative and qualitative outcome of lemon balm production? Industrial Crops and Products, 83, pp. 710-716., @2016

1458. Popova, A., Dalemka, Z., Mihaylova, D., Hristova, I., Alexieva, I. (2016) Melissa officinalis L.- GC profile and antioxidant activity. International Journal of Pharmacognosy and Phytochemical Research, 8 (4), pp. 634-638., @2016

1459. Apak, R., Özyürek, M., Güçlü, K., Çapanoğlu, E. (2016) Antioxidant activity/capacity measurement. 3. Reactive oxygen and nitrogen species (ROS/RNS) scavenging assays, oxidative stress biomarkers, and chromatographic/chemometric assays. Journal of Agricultural and Food Chemistry, 64 (5), pp. 1046-1070., @2016

1460. Popescu, A., Pavalache, G., Pirjol, T.N., Istudor, V. (2016) Antioxidant comparative activity and total phenolic content of *Scirpus holoschoenus* L. (*Holoschoenus vulgaris* Link) depending on extraction condition and the solvent used. *Revista de Chimie*, 67 (2), pp. 255-259., @2016
1461. Todorova, T., Bardarov, K., Miteva, D., Bardarov, V., Atanasov, A., Chankova, S. (2016) DNA-protective activities of *Clinopodium vulgare* L. extracts. *Comptes Rendus de L'Academie Bulgare des Sciences*, 69 (8), pp. 1019-1024., @2016
1462. Bardarov, K., Todorova, T., Miteva, D., Bardarov, V., Atanasov, A., Chankova, S. (2016) Preliminary screening for study of the chemical composition of *clinopodium vulgare* L. Water extract. *Comptes Rendus de L'Academie Bulgare des Sciences*, 69 (6), pp. 717-724., @2016
1463. Pădureț, S., Amariei, S., Gutt, G., Piscuc, B. (2016) The evaluation of dandelion (*Taraxacum officinale*) properties as a valuable food ingredient. *Romanian Biotechnological Letters*, 21 (3), pp. 11569-11575., @2016
1464. Costea, T., Vlase, L., Ancuceanu, R.V., Dinu, M., Olah, N.K., Popescu, M.L., Gîrd, C.E. (2016) Chemical composition, antioxidant activity and phytotoxic properties of silver birch leaves. *Romanian Biotechnological Letters*, 21 (3), pp. 11527-11538., @2016
1465. Sinha, S., Raghuwanshi, R. (2016) Phytochemical screening and antioxidant potential of *eclipta prostrata* (L) L-A valuable herb. *International Journal of Pharmacy and Pharmaceutical Sciences*, 8 (3), pp. 255-260., @2016
1466. Ebrahimi, E., Shirali, S., Talaei, R. (2016) The Protective Effect of Marigold Hydroalcoholic Extract in STZ-Induced Diabetic Rats: Evaluation of Cardiac and Pancreatic Biomarkers in the Serum. *Journal of Botany*, 2016, art. no. 9803928., @2016
1467. Erinoso, S.M., Fawibe, O.O., Oyelakin, A.S., Ajiboye, A.A., Agboola, D.A. (2016) Herbal recipes used for the traditional management of infantile dermatitis in Odeda, southwestern Nigeria. *African Journal of Traditional, Complementary and Alternative Medicines*, 13 (3), pp. 33-43., @2016
1468. Josipović, R., Markov, K., Frece, J., Stanzer, D., Cvitković, A., Mrvčić, J. (2016). The use of spices in the production of traditional cheeses [Upotreba začina u proizvodnji tradicionalnih sireva]. *Mljekarstvo*, 66 (1), pp. 12-25., @2016
1469. Ghorpade P. (2016) Potential of antioxidant capacity and phenol content in four *Cheilanthes* species from northern Western Ghats. *Asian Journal of Pharmaceutical and Clinical Research*, 9(2), 378-382., @2016
1470. Rahmani H., Benali F., Koudach F., Dif M.M., Bouazza S. (2016) Phenolic quantification and antioxidant activity of agave *Americana* leaves depending on solvent and geoclimatic area. *Advances in Environmental Biology*, 10(9), 194-200, @2016
1471. Manrique WEE, Salcedo LCAG, Vargas OJM. (2016) Validation of an analytical method for quantification of total polyphenols in microwave-assisted extraction processes for the Colombian species *Vaccinium meridionale*. *Revista Colombiana de Ciencias Químico – Farmacéuticas*, 45(1), 109-126, @2016
1472. Sinharoy D., Mukhopadhyay D., Palchoudhuri S., Ghosh B., Das S., Dastidar S.G. (2016) Distinct Antioxidant Activity of a Common Antidepressant Drug Imipramine. *Free Radicals and Antioxidants*, 6(2): 151-154, @2016
431. Avramova, T., Spassova, D., Mutafov, S., Momchilova, S., Boyadjieva, L., Damyanova, B., Angelova, B.. Effect of Tween-80 on 9 α -steroid hydroxylating activity and ultrastructural characteristics of *Rhodococcus* sp. cells. *World Journal of Microbiology and Biotechnology*, 26, Springer, 2010, ISSN:0959-3993, DOI:10.1007/s11274-009-0263-4, 1009-1014. SJR:0.551, ISI IF:1.779

Цитира се в:

1473. Li, H., Yin, S., Zhang, N., Zhang, X., Li, H., Shi, J., Xu, Z., Enhanced 3 β , 7 α , 15 α -Trihydroxy-5-Androsten-17-One Production from Dehydroepiandrosterone by Colletotrichum lini ST-1 Resting Cells with Tween-80, Applied Biochemistry and Biotechnology, 2016, Volume 178, Pages 91-100, @2016
1474. Shen, Y., Wang, L., Liang, J., Tang, R., Wang, M., Effects of two kinds of imidazolium-based ionic liquids on the characteristics of steroid-transformation Arthrobacter simplex, Microbial Cell Factories, 2016, Volume 15 (1), Article number 118, @2016
432. Markova, N., Enchev, V., Ivanova, G.. Tautomeric equilibria of 5-fluorouracil anionic species in water. Journal of Physical Chemistry A, 114, 50, ACS Publications, 2010, ISSN:1520-5215, DOI:DOI: 10.1021/jp1063879, 13154-13162. ISI IF:2.693

Цитира се в:

1475. Ilyina, M.G., Khamitov, E.M., Ivanov, S.P., Mustafin, A.G., Khursan, S.L., Anions of uracils: N1 or N3? That is the question, Comput. & Theoret. Chem., 2016, Volume 1078, Pages 81-87, DOI: 10.1016/j.comptc.2015.12.024, @2016
1476. Thoppil, A.A., Choudhary, S., Kishore, N., Competitive binding of anticancer drugs 5-fluorouracil and cyclophosphamide with serum albumin: Calorimetric insights, Biochim. Biophys. Acta, 2016, Volume 1860, Pages 917-929, DOI: 10.1016/j.bbagen.2016.01.026, @2016
1477. Camacho, K.M., Menegatti, S., Vogus, D.R., Pusuluri, A., Fuchs, Z., Jarvis, M., Zakrewsky, M., Evans, M.A., Chen, R., Mitragotri, S., DAFODIL: A novel liposome-encapsulated synergistic combination of doxorubicin and 5FU for low dose chemotherapy, J. Contr. Release, 2016, Volume 229, Pages 154-162, DOI: 10.1016/j.jconrel.2016.03.027, @2016
1478. Ильина, М.Г., Хамитов, Э.М., Мустафин, А.Г., Влияние заместителей в положении 5 пиримидинового кольца на стабильность анионных форм производных урацила, Вестник Башкирского университета, 2016, Том 21, Страницы: 47-52, , @2016
433. Kancheva, V.D., Saso, L., Boranova, P. V., Khan, A., Saroj, M.K., Pandey, M.K., Malhotra, S., Nechev, J.Z., Sharma, S.K., Prasad, A.K., Georgieva, M.B., Joseph, C., De Pass, A.L., Rastogi, R.C., Parmar, V.S.. Structure-activity relationship of dihydroxy-4-methylcoumarins as powerful antioxidants: Correlation between experimental and theoretical data and synergistic effect. BIOCHIMIE, 92, 9, ELSEVIER, 2010, ISSN:0300-9084, 1089-1100. SJR:1.183, ISI IF:3.897

Цитира се в:

1479. Danis, O., Demir, S., Gunduz, C, (...), Altun, S., Yuce-Dursun, B; Synthesis of selected 3- and 4-arylcoumarin derivatives and evaluation as potent antioxidants, Research on Chemical Intermediates, 42 (6), 2016, 6061-6077, @2016
434. Kancheva, V.D., Boranova, P. V., Nechev, J. T., Manolov, I. T.. Structure-Activity Relationships of New 4-Hydroxy-Biscoumarins as Radical Scavengers and Chain-Breaking Antioxidants. BIOCHIMIE, 92, 9, ELSEVIER, 2010, ISSN:0300-9084, 1138-1146. ISI IF:3.897

Цитира се в:

1480. Costa, M., Dias, T.A., Brito, A., Proenca, F.; Biological importance of structurally diversified chromenes, European Journal of Medicinal Chemistry, 2016, @2016
1481. G. Mazzone, A. Galano, J. R. Alvarez-Idaboy, N.Russo; Coumarin-chalcone hybrids as peroxy radical scavengers: kinetics and mechanisms, Journal of chemical Information and Modeling,

435. Petrova, A., **Popova, M., Kuzmanova, Ch.**, Tsvetkova, I., Naydensk, H., Muli, E., **Bankova, V.** New biologically active compounds from Kenyan propolis. Fitoterapia, 81, 2010, ISSN:0367326X, 509-514. SJR:0.816, ISI IF:2.611

Цитирана се е:

1482. Omar, R.M.K., Igoli, J., Gray, A.I., Ebiloma, G.U., Clements, C., Fearnley, J., Edrada Ebel, R.A., Zhang, T., De Koning, H.P., Watson, D.G., Chemical characterisation of Nigerian red propolis and its biological activity against Trypanosoma Brucei, Phytochemical Analysis, 27 (2), 107-115, @2016, @2016
1483. Fasolo, D., Bergold, A.M., von Poser, G., Teixeira, H.F, Determination of benzophenones in lipophilic extract of Brazilian red propolis, nanotechnology-based product and porcine skin and mucosa: Analytical and bioanalytical assays, Journal of Pharmaceutical and Biomedical Analysis, 124, pp. 57-66, @2016, @2016
1484. Zhang, J., Shen, X., Wang, K., Cao, X., Zhang, C., Zheng, H., Hu, F., Antioxidant activities and molecular mechanisms of the ethanol extracts of Baccharis propolis and Eucalyptus propolis in RAW64.7 cells , Pharmaceutical Biology, 54 (10), pp. 2220-2235, @2016, @2016
436. **Marinov, S.P.**, Gonsalvesh, L., **Stefanova, M.**, Yperman, J., Carleer, R., Reggers, G., Yurum, Y., Gadjanov, P.. Combustion behaviour of some biodesulphurized coals assessed by TGA/DTA. Thermochemica Acta, 497, 1-2, Elsevier, 2010, ISSN:0040-6031, DOI:10.1016/j.tca.2009.08.012, 46-51. SJR:0.866, ISI IF:2.392

Цитирана се е:

1485. S Yurdakul, Determination of co-combustion properties and thermal kinetics of poultry litter/coal blends using thermogravimetry, Renewable Energy, Volume 89, April 2016, Pages 215–223., @2016
1486. Y.Liu, P.Fu, B.Zhang, F.Yue, H.Zhou, C.Zheng, Study on the surface active reactivity of coal char conversion in O₂/CO₂ and O₂/N₂ atmospheres, Fuel(2016)., @2016
1487. Oikonomopoulos, I. K., Tougiannidis, N., Perraki, T., & Gurk, M. (2016). Mineralogical characterization of the intraseam layers of Lofoi lignite deposits in Florina basin (western Makedonia, northwest Greece). Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 38(11), 1562-1568, @2016
437. Ivanova, A., **Mikhova, B.**, Kostova, I., Evstatieva, L.. Bioactive chemical constituents from Smilax excelsa L.. Chemistry of Natural Compounds, 46, Springer, New York, 2010, ISSN:ISSN:0009-3130E-ISSN:1573-8388, 295-297. ISI IF:0.47

Цитирана се е:

1488. Dehghan, H., Sarrafi, Y., Salehi, P. Antioxidant and antidiabetic activities of 11 herbal plants from Hyrcania region, Iran (2016) Journal of Food and Drug Analysis, 24 (1), pp. 179-188., @2016
438. Petrova, M.A., Lachkova, V.I., **Vassilev, N.G., Varbanov, S.G.** Effect of Diluents on The Synergistic Solvent Extraction and Separation of Trivalent Lanthanoids With 4-Benzoyl-3-Phenyl-5-Isoxazolone and tert-Butylcalix[4]Arene Tetrakis(N,N-Dimethyl Acetamide) and Structural Study of Gd(III) Solid Complex By IR an. Industrial and Engineering Chemistry Research, 49, 13, American Chemical Society, 2010, ISSN:0888-5885, 1520-5045, DOI:10.1021/ie100328v, 6189-6195. SJR:0.95, ISI IF:2.587

Цитирана се е:

1489. Zhao, Z., Sun, X., Dong, Y., Synergistic Effect of Doped Functionalized Ionic Liquids in Silica Hybrid Material for Rare Earth Adsorption, 2016) Industrial and Engineering Chemistry Research, 55 (7), pp. 2221-2229, @2016

439. Velkova, L., Dimitrov, I., Schwarz, H., Stevanovic, S., Voelter, W., Salvato, B., **Dolashka-Angelova, P..** Structure of hemocyanin from garden snail *Helix lucorum*. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 157, 1, 2010, ISSN:10964959, 16-25. SJR:0.635, ISI IF:1.989

Цитупа се в:

1490. Drug, bio-affecting and body treating compositions extract, body fluid, or cellular material of undetermined constitution derived from animal is active ingredient derived from arthropod (e.g., insect, spider, crustacea, etc.), @2016

1491. METHOD OF TREATING VIRAL DISEASES, @2016

440. Tsyntsarski, B., Petrova, B., Budinova, T., Petrov, N., Krzeszinska, M., Majewska, J., Tzvetkov, P.. Carbon foam derived from pitches modified with mineral acids by a low pressure foaming process. Carbon, 48, 12, Elsevier, 2010, ISSN:0008-6223, DOI:10.1016/j.carbon.2010.05.048, 3523-3530. SJR:1.996, ISI IF:6.89

Цитупа се в:

1492. Liu, H., Wu, J., Zhuang, Q., Dang, A., Li, T., Zhao, T., Preparation and the electromagnetic interference shielding in the X-band of carbon foams with Ni-Zn ferrite additive, Journal of the European Ceramic Society, Vol. 36, No 16, pp. 3939-3946. DOI: 10.1016/j.jeurceramsoc.2016.06.017., @2016

1493. Gonsalvesh, L., Marinov, S.P., Gryglewicz, G., Carleer, R., Yperman, J., Preparation, characterization and application of polystyrene based activated carbons for Ni(II) removal from aqueous solution, Fuel Processing Technology, Vol. 149, pp. 75-85. DOI: 10.1016/j.fuproc.2016.03.024., @2016

1494. Zhou, P., Chen, Q.-L., Effects of Varying Processing Conditions on Carbon Foam Properties, International Symposium on Materials Application and Engineering SMAE 2016, MATEC Web of Conferences 2016, Vol. 67, art. no. 03038. DOI: 10.1051/mateconf/20166703038., @2016

1495. Arami-Niya, A., Rufford, T.E., Zhu, Z., Activated carbon monoliths with hierarchical pore structure from tar pitch and coal powder for the adsorption of CO₂, CH₄ and N₂, Carbon, Vol. 103, pp. 115-124. DOI: 10.1016/j.carbon.2016.02.098., @2016

441. Palme, O., Comanescu, G., **Stoineva, I.,** Radel, S., Benes, E., Develter, D., Wray, V., Lang S.. Sophorolipids from *Candida bombicola*: cell separation by ultrasonic particle manipulation. Eur J Lipid Sci Technol, 112, Wiley, 2010, ISSN:14387697, DOI:10.1002/ejlt.200900163, 663-673

Цитупа се в:

1496. Krull, R., S. Lladó-Maldonado, T. Lorenz, S. Demming, and S. Büttgenbach. "Microbioreactors." In Microsystems for Pharmatechnology, 2016, 99-152. Springer International Publishing., @2016

442. Popova, M., Graikou, K., Chinou, I., **Bankova, V..** GC-MS Profiling of diterpene compounds in Mediterranean propolis from Greece. Journal of Agricultural and Food Chemistry, 58, 2010, 3167-3176. ISI IF:2.816

Цитупа се в:

1497. Anđelković, B., L. Vujisić, I. Vučković, V. Tešević, V. Vajs, D. Gođevac. Journal of Pharmaceutical and Biomedical Analysis (2016)*
<http://dx.doi.org/10.1016/j.jpba.2016.12.003>, @2016
 1498. Eroglu, N., S. Akkus, M. Yaman, B. Asci, S. Silici. J. Apicult. Sci. 60(2), 101 - 109 DOI 10.1515/JAS-2016-0021, @2016
 1499. Keefover-Ring, K., Trowbridge, A., Mason, C.J., Raffa, K.F. Rapid Induction of Multiple Terpenoid Groups by Ponderosa Pine in Response to Bark Beetle-Associated Fungi. Journal of Chemical Ecology 42 (1), 1-12, 2016., @2016
 1500. Jerković, I., Marijanović, Z., Kuš, P.M., Tuberoso, C.I.G. Comprehensive Study of Mediterranean (Croatian) Propolis Peculiarity: Headspace, Volatiles, Anti-Varroa-Treatment Residue, Phenolics, and Antioxidant Properties. Chemistry and Biodiversity 13 (2), 210-218, 2016, @2016
 1501. Sforcin, J.M. Biological Properties and Therapeutic Applications of Propolis. Phytotherapy Research 30(6), 894-905, 2016, @2016
 1502. Tazawa, S., Y. Arai, S. Hotta, T. Mitsui, H. Nozaki, K. Ichihara. Natural Product Communications 11(2), 201-205 (2016)., @2016
 1503. Zhang, J., X. Shen, K. Wang, X. Cao, C. Zhang, H. Zheng, F. Hu. Pharmaceutical Biology, 54(10), 2220-2235 (2016)., @2016
 1504. Somensi Zeggio, A.R. PhD Thesis, Universidade Federal de Santa Catarina, Florianópolis, 2016., @2016
443. **Ivanov, P.M.**. Conformations of Some Large-Ring Cyclodextrins Derived from Conformational Search with Molecular Dynamics Simulations and Principal Component Analysis. Journal of Physical Chemistry (B), 114, 2010, 2650-2659. ISI IF:3.302
- Цитира се:
1505. Assaf, K.I., Gabel, D., Zimmermann, W., Nau, W.M., High-affinity host-guest chemistry of large-ring cyclodextrins, Organic and Biomolecular Chemistry, 14(32) (2016) 7702-7706., @2016
 1506. Liu, P., Li, W., Kan, Z., Sun, H., Ma, J. Factor analysis of conformations and NMR signals of rotaxanes: AIMD and polarizable MD simulations, Journal of Physical Chemistry A, 120(4) (2016) 490-502., @2016
 1507. Hu, J., Hu, Z., Zhang, Y., Wang, L., Xie, X.-Q. Metal binding mediated conformational change of XPA protein: a potential cytotoxic mechanism of nickel in the nucleotide excision repair, Journal of Molecular Modeling, 22(7) (2016) 156 -, @2016
444. **Momčilova, Sv.M., Nikolova-Damyanova, B.M.**. Separation of Isomeric Octadecenoic Fatty Acids in Partially Hydrogenated Vegetable Oils as p-Methoxyphenacyl Esters Using a Single Column Silver Ion High-Performance Liquid Chromatography (Ag-HPLC). Nature Protocols, 5, 3, Springer Nature, 2010, ISSN:1754-2189, 473-478. ISI IF:8.36
- Цитира се:
1508. Han, X., Mass Spectrometry-Based Lipidomics Approaches, in: Lipidomics: Comprehensive Mass Spectrometry of Lipids, John Wiley & Sons Inc., Hoboken, NJ, USA (2016), @2016
445. **Stoyanov S. S.**. Document Scaling of computed cyano-stretching frequencies and ir intensities of nitriles, their anions, and radicals. Journal of Physical Chemistry A Volume 114, Issue 15, 22 April 2010, Pages 5149-5161, 2010, ISI IF:2.883

Цитира се в:

1509. Tautomerization, acidity, basicity, and stability of cyanoform: A computational study, @2016
1510. Insights in the radical scavenging mechanism of syringaldehyde and generation of its anion, @2016
446. Vasil'ev, R.F., **Kancheva, V.D.**, Fedorova, G.F., **Batovska, D.I.**, Trofimov, A.V.. Antioxidant activity of chalcones: The chemiluminescence determination of the reactivity and the quantum chemical calculation of the energies and structures of reagents and intermediates,. Kinetics and Catalysis, 51, 4, Springer, 2010, ISSN:0023-1584 (print version); 1608-3210 (electronic version), DOI:10.1134/S0023158410040087, 507-515. ISI IF:0.758

Цитира се в:

1511. Asif Mohammad, A Review on Recent Advances and Potential Pharmacological Activities of Versatile Chalcone Molecule, Chemistry International , 2(1) (2016) 1-18, @2016
1512. Fu, D.-J., Song, J., Zhao, R.-H., (...), Zhang, Y.-B., Liu, H.M. Synthesis of novel antiproliferative 1, 2, 3-thiazole hybrids using the molecular hybridisation approach, Journal of Chemical Research, 2016, , @2016
1513. Fu, D.-J., Zhang, S.-Y., Song, J., (...), Liu, H.-M., Zhang, Y.-B., Design and antiproliferative activity of N-heterocycle-chalcone derivatives, Journal of Chemical Research, 2016, @2016
1514. Muskinja, J., , Burmudzija, A., Ratkovic, Z., (...), Bogdanovic, G.A., Novakoviiciic, S.B.; Ferrocenyl chalcones with O-alkylated vanilins: synthesis, spectral charasterisation, microbiological evaluation, and single-srystal X-ray analysis, Molecular Chemistry Research, 25 (9), 2016, 1744-1753, @2016
1515. Zhang, S.-Y., Fu, D.-J., Yue, X.-X., (...), Liu, H.-M., Zhang, Y.-B.; Design, synthesis and structure-activity relationships of novel chalcone-1, 2, 3-thiazole-azole derivatives as antiproliferative agents, Molecules, 2016, Open access, @2016
1516. Mazzone, G., Galiano, A., Alvarez-Idaboy, J.R., Russo, N.; Coumarin-Chalcone Hybrids as Peroxyl Radical Scavengers: Kinetics and Mechanisms, Journal of Chemical Information and Modeling, 2016, @2016
1517. Fu, D.-J., Zhang, S.-Y., Liu, Y.-C., (...), Zhang, Y.-B., Liu, H.-M.; Design, synthesis and antiproliferative studies of 1, 2, 3-thiazole-chalcones MedChemComm, 2016, @2016
1518. Ratković, Z., Muškinja, J., Burmudžija, A., Ranković, B., Kosanić, M., Bogdanović, G.A., Marković, B.S., Nikolić, A., Arsenijević, N., Crossed D Signorcrossed D Signevic, S., Vukićević, R.D.; Dehydrozingerone based 1-acetyl-5-aryl-4, 5-dihydro-1H-pyrazoles: Synthesis, characterization and anticancer activity; Journal of Molecular Structure; 1109, 2016, 82-88, @2016
1519. Fu, D.-J., Zhang, S.-Y., Liu, Y.-C., Zhang, L., Liu, J.-J., Song, J., Zhao, R.-H., Li, F., Sun, H.-H., Liu, H.-M., Zhang, Y.-B.; Design, synthesis and antiproliferative activity studies of novel dithiocarbamate-chalcone derivates, Bioorganic & Medicinal Chemistry Letters, 26 (16), 2016, 3918 - 3922, @2016
447. **Dolashka, P.**, **Velkova, L.**, Shishkov, S., Kostova, K., Dimitrov, I., **Dolashki, A.**, Atanasov, B., Devreese, B., Voelter, W., Van Beeumen, J.. Glycan structures and antiviral effect of the structural subunit RvH2 of Rapana hemocyanin. Carbohydrate Research, 345, 16, 2010, ISSN:00086215, 2361-2367. SJR:0.584, ISI IF:1.929

Цитира се в:

1520. Abalone hemocyanin blocks the entry of herpes simplex virus 1 into cells: A potential new

antiviral strategy ., @2016

1521. Comparison of Haliotis rubra hemocyanin isoforms 1 and 2., @2016

1522. Comprehensive and Quantitative Proteomic Analysis of Metamorphosis-Related Proteins in the Veined Rapa Whelk, Rapana venosa Intern., @2016

1523. From Ocean to Bedside: the Therapeutic Potential of Molluscan Hemocyanins, @2016

448. Bogdan, E., Plaquet, A., **Antonov, L.**, Rodriguez, V., Ducasse, L., Champagne, B., Castet, F.. Solvent effects on the second-order nonlinear optical responses in the keto–enol equilibrium of a 2-hydroxy-1-naphthaldehyde derivative. Journal of Physical Chemistry, 114C, 29, ACS Publishing, 2010, DOI:10.1021/jp103556c, 12760-12768. ISI IF:4.772

Цумура се в:

1524. Ejub, G.W., Samuel, N., Fridolin, T.N., Marie, N.J., Computational determination of the Electronic and Nonlinear Optical properties of the molecules 2-(4-aminophenyl) Quinoline, 4-(4-aminophenyl) Quinoline, Anthracene, Anthraquinone and Phenanthrene, Materials Letters, 2016, Volume 178, Pages 221-226, @2016

1525. Adriano Junior, L., Fonseca, T.L., Castro, M.A., Solvent effects on the absorption spectrum and first hyperpolarizability of keto-enol tautomeric forms of anil derivatives: A Monte Carlo/quantum mechanics study, Journal of Chemical Physics, 2016, Volume 144, Article number 234511, @2016

449. **Danova, K.**, Cellarova, E., Kapchina-Toteva, V.. Impact of Growth Regulators on in vitro Regeneration of Hypericum rumeliacum Boiss. J Environ Prot Ecol, 11, 4, 2010, 1285-1292. ISI IF:0.178

Цумура се в:

1526. Yazdanshenas H, Mousavi SA , Tavili A, Shafeian E (2016) Identification of medicinal plants based on modern and indigenous knowledge (Case study: Ghasem Abad rangeland, west of Isfahan province, Iran). Rep Opinion 2016;8(2):1-8]. ISSN 1553-9873 (print); ISSN 2375-7205 (online)., @2016

450. **Danova, K.**.. Production of polyphenolic compounds in shoot cultures of Hypericum species characteristic for The Balkan Flora. Botanica Serbica, 34, 1, 2010, 29-36

Цумура се в:

1527. Bruňáková, K. , Čellárová, E. (2016) Conservation strategies in the genus Hypericum via cryogenic treatment. Frontiers in Plant Science. Volume 7, Issue APR2016, 27 April 2016, Article number 558, @2016

1528. Jaganath IB, Zainal A (2016) In (Md. Asaduzzaman, Ed) Controlled Environment Agriculture – Production of Specialty Crops Providing Human Health Benefits through Hydroponics. Chapter 1 - Controlled Environment for Enhanced and Consistent Production of (Poly)Phenols in Specialty Crops (pp. 1-32), Nova Science Publishers, Series Global Agriculture Developments, ISBN: 978-1-63484-489-5, @2016

1529. Kucharíková A, Kusari S, Sezgin S, Spiteller M and Čellárová E (2016) Occurrence and Distribution of Phytochemicals in the Leaves of 17 In vitro Cultured Hypericum spp. Adapted to Outdoor Conditions. Front. Plant Sci. 7:1616. doi: 10.3389/fpls.2016.01616, @2016

451. **Danova, K.**, Cellarova, E., Mackova, A., Daxnerová, Z., Kapchina-Toteva, V.. In vitro culture of Hypericum rumeliacum Boiss. and production of phenolics and flavonoids. In Vitro Cellular and Developmental Biology – Plant, 46, 2010, ISSN:1054-5476, 422-429. ISI IF:1.48

Цитирана се в:

1530. Dias MI, Sousa MJ, Alves RC, Ferreira ICFR (2016) Exploring plant tissue culture to improve the production of phenolic compounds: A review. *Industrial Crops and Products* 82: 9–22, @2016
452. Mavrova, A.T., Vuchev, D., Anichina, K., **Vassilev, N.** Synthesis, antitrichinellosis and antiprotozoal activity of some novel thieno[2,3-d]pyrimidin-4(3H)-ones containing benzimidazole ring. *European Journal of Medicinal Chemistry*, 45, 12, Elsevier B.V., 2010, ISSN:0223-5234, DOI:10.1016/j.ejmech.2010.09.050, 5856-5861. SJR:1.004, ISI IF:3.447

Цитирана се в:

1531. Vestina Strelciunaite, Kazimieras Anusevicius, Ingrida Tumosiene, Jurate Siugzdaite, Ilona Jonuskiene, Irena Ramanauskaite, and Vytautas Mickevicius, *Heterocycles*, Vol 92, No. 2, 2016, pp. 235-251, @2016
1532. Pradeepa Kumara, C.S., Byre Gowda, G., Kumar, K.S.V., Ramesh, N., Sadashiva, M.P., Junjappa, H., Base catalyzed reaction of 1, 4-dithiane-2, 5-diol with α -oxoketene dithioacetals: a new general method for the synthesis of 2-methylthio-3-aryl/heteroaryl thiophenes, (2016) *Tetrahedron Letters*, 57 (38), pp. 4302-4305, @2016
1533. Barnali Maiti and Kaushik Chanda, Diversity oriented synthesis of benzimidazole-based biheterocyclic molecules by combinatorial approach: a critical review, *RSC Adv.*, 2016, 6, 50384-50413, @2016
1534. Bui, H.T.B., Ha, Q.T.K., Oh, W.K., Vo, D.D., Chau, Y.N.T., Tu, C.T.K., Pham, E.C., Tran, P.T., Tran, L.T., Mai, H.V., Microwave assisted synthesis and cytotoxic activity evaluations of new benzimidazole derivatives, (2016) *Tetrahedron Letters*, 57 (8), pp. 887-891, @2016
453. Evstatieva, L., **Todorova, M., Antonova, D.**, Staneva, J.. Chemical composition of the essential oils from *Rhodiola rosea* L. of three different origins. *Pharmacognosy Magazine*, 6, 2010, ISSN:0973-1296, 256-258. SJR:0.217, ISI IF:0.58

Цитирана се в:

1535. Jufiica, J., Koupá, T. *Rhodiola rosea* and its neuropsychotropic effects | [Rozchodnice růžová a její neuropsychotropní účinky], *Ceska a Slovenska Farmacie*, 65, pp. 87-93, @2016
1536. Marchev, A.S., Dinkova-Kostova, A.T., György, Z., (...), Aneva, I.Y., Georgiev, M.I. *Rhodiola rosea* L.: from golden root to green cell factories, *Phytochemistry Reviews*, 15 (4), pp. 515-536, @2016
1537. Li, Z.-H., Xiao, R., Pan, C.-D., Jiang, D.-A., Wang, Q. Morphological characteristics, distribution, secondary metabolites biological activities of *rhodiola* L, *Mini-Reviews in Organic Chemistry* 13 (5), pp. 389-401, @2016
454. **Alipieva, K.**, Petreska, J., Gil-Izquierdo, A., Stefova, M., Evstatieva, L., **Bankova, V.** Influence of the extraction method on the yield of flavonoids and phenolics from *Sideritis* spp. (Pirin Mountain Tee). *Natural Product Communications*, 5, 1, 2010, 51-52. ISI IF:0.894

Цитирана се в:

1538. Yedhu Krishnan, R., Rajan, K.S. Microwave assisted extraction of flavonoids from *Terminalia bellerica*: Study of kinetics and thermodynamics. *Separation and Purification Technology*, 157, 169-178., @2016
1539. Yedhu Krishnan, R., K.S. Rajan. *Separation and Purification Technology*, 157, 169 – 178 doi:10.1016/j.seppur.2015.11.035, @2016

455. Dimitrov L., Mihaylov M., Hadjiivanov K., **Mavrodinova V.** Catalytic properties and acidity of ZSM-12 zeolite with different textures. Microporous and Mesoporous Materials, 143, 2-3, Elsevier, 2011, ISSN:13871811, DOI:10.1016/j.micromeso.2011.03.009, 291-301. SJR:1.156, ISI IF:3.359

Цитирана се в:

1540. Zhang, Y., Hirata, A., Nakasaka, Y., Tago, T., Taniguchi, T., Masuda, T., Effects of crystal morphology, Si/Al ratio and thickness of an MTW zeolite membrane on water/2-propanol separation by pervaporation, 2016, Microporous and Mesoporous Materials, 222, pp. 178-184, @2016

456. Szegedi, A., **Popova, M.**, Lazar, K.. Influence of the acid/base and redox properties of catalysts in the gas-phase dehydration-dehydrogenation of cyclohexanol on iron and titania containing mesoporous materials. Reaction Kinetics, Mechanisms and Catalysis, 104, Springer, 2011, ISSN:1878-5204, 291

Цитирана се в:

1541. Liu, F., Yan, X., Fan, F., Zhao, C., Liu, R., Gao, Y., Wang, Y., Application of micro-meso hierarchical porous carbon for toluene adsorption treatment, Micro and Nano Letters, 11 (7), pp. 372-377, @2016

457. **Popova, M.**, Szegedi, A., Lazar, K., Dimitrova, A.. Dehydrogenation of cyclohexanol on Fe, Ti-MCM-41 mesoporous materials. Catalysis Letters, 141, 8, Springer, 2011, ISSN:1572-879X, 1288-1296

Цитирана се в:

1542. Gómez-Quero, S., Cárdenas-Lizana, F., Keane, M.A., Gas phase hydrotreatment of chlorophenols over Pd catalysts as an alternative route to cyclohexanone, Reaction Kinetics, Mechanisms and Catalysis, 119 (1), pp. 35-48, @2016

1543. He, H., Gao, F., Gao, S., Wang, H., Liu, X., Dong, L., Kong, Y., The synergistic effect of bimetallic Zn-Ti in MCM-41 support for the improvement of catalytic activity, Journal of Nanoscience and Nanotechnology, 16 (7), pp. 7742-7749, @2016

458. Stefanova, R., Vassilev, N.V., **Vassilev, N.G.** 1H-NMR Spectroscopy as an Alternative Tool for the Detection of γ -ray Irradiated Meat. Food Analytical Methods, 4, 3, Springer-Verlag, 2011, ISSN:1936-9751, 1936-976X, DOI:10.1007/s12161-010-9183-z, 399-403. SJR:0.63, ISI IF:1.956

Цитирана се в:

1544. Wang, K.-Y., Chen, H., Zhang, Z.-Y., Huang, Y.-Q., Chen, Z., Two-Dimensional J-Resolved NMR Analyses of Fish and Its Products via Spatially Encoded Intermolecular Double-Quantum Coherences, (2016) Food Analytical Methods, 9 (6), pp. 1502-1511, @2016

459. **Ivanov, P.M.** Computational Conformational studies on the conformations of some large-ring cyclodextrins (CDn, n=20, 21, 22, 23). Chirality, 23, 2011, 628-637. ISI IF:2.03

Цитирана се в:

1545. Khuntawee, W., Rungrotmongkol, T., Wolschann, P., (...), Okumura, H., Hannongbua, S. Conformation study of epsilon-cyclodextrin: Replica exchange molecular dynamics simulations, Carbohydrate Polymers, 141(2016) 99-105, @2016

- 460. Petrova, B., Tsyntsarski, B., Budinova, T., Petrov, N.,** Velasco, L.F., Conchi Ania, C.O.. Activated carbon from coal tar pitch and furfural for the removal of p-nitrophenol and m-aminophenol. Chemical Engineering Journal, 172, 1, Elsevier, 2011, ISSN:1385-8947, DOI:10.1016/j.cej.2011.05.075, 102-108. SJR:1.585, ISI IF:4.621

Цитира се в:

- 1546.** Maimaitireyimu, M., Talipu, D., Abulizi, A. Optimization preparation conditions of coal activated carbon and adsorption capacity, kinetics for phenols, Chinese Journal of Environmental Engineering, Vol., 10, No 3, pp. 1281-1288., @2016
- 1547.** Gao, X.-Y., Liu, R.-L., Ma, J., Zhan, H.-Y., Zhang, Z.-Q. Combined dual-metal templates for fabrication of magnetic hierarchical porous carbon for highly efficient removal of 4-nitrophenol, Journal of Porous Materials, Vol., 23, No., 1, pp. 157-164. DOI: 10.1007/s10934-015-0066-y, @2016
- 461.** Gonsalvesh, L., **Marinov, S.P., Stefanova, M.,** Carleer, R., Yperman, J.. Evaluation of elemental sulphur in biodesulphurized coals. Fuel, 90, 9, Elsevier, 2011, ISSN:0016-2361, DOI:10.1016/j.fuel.2011.04.041, 2923-2930. SJR:1.568, ISI IF:4.091

Цитира се в:

- 1548.** Shamshiri Kourdestani, Shatav, Alireza Habibi, and Mojtaba Ahmadi. "Optimization of Lithotrophic Activities of Acidithiobacillus ferrooxidans toward Significant Reduction of Sulfur and Ash from Low Rank Bitumen." Geomicrobiology Journal (2016): 1-10, @2016
- 462.** Gyurkovska, V., **Alipieva, K.,** Maciuk, A., Dimitrova, P., Ivanovska, N., Haas, C., Bley, T., Georgiev, M.. Anti-inflammatory activity of Devil's claw in vitro systems and their active constituents. Food Chemistry, 125, Elsevier, 2011, ISSN:0308-8146, DOI:10.1016/j.foodchem.2010.08.056, 171-178. ISI IF:3.655

Цитира се в:

- 1549.** Ghasemian, M., Owlia, S., Owlia, M.B. Review of Anti-Inflammatory Herbal Medicines. Advances in Pharmacological Sciences, 2016, Article number 9130979., @2016
- 1550.** Choi, J.-H., Kim, N.-H., Kim, S.-J., Lee, H.-J., Kim, S. Fucoxanthin Inhibits the Inflammation Response in Paw Edema Model through Suppressing MAPKs, Akt, and NFκB. Journal of Biochemical and Molecular Toxicology, 13 (3), 111-119., @2016
- 1551.** Grabkowska, R. , Matkowski, A., Grzegorzczak-Karolak, I., Wysokińska, H. Callus cultures of Harpagophytum procumbens (Burch.) DC. ex Meisn.; production of secondary metabolites and antioxidant activity. South African Journal of Botany, 103, 41-48., @2016
- 1552.** Piatczak, E. , Debska, M., Kontek, B., Olas, B., Wysokińska, H. Antioxidant properties of methanolic extracts from the shoots and roots of pRi-transformed plants of Rehmannia glutinosa Libosch. Acta Poloniae Pharmaceutica - Drug Research, 73 (2), 433-438., @2016
- 1553.** Mihailović, V. , Kreft, S., Benković, E.T., Ivanović, N., Stanković, M.S. Chemical profile, antioxidant activity and stability in stimulated gastrointestinal tract model system of three Verbascum species. Industrial Crops and Products, 89, 141-151., @2016
- 463.** Ivanova, J., Pantcheva, I. N., Mitewa, M., **Simova, S.,** Tanabe, M., Osakada, K.. Cd(II) and Pb(II) complexes of the polyether ionophorous antibiotic salinomycin. Chemistry Central Journal, 5, 1, Springer, 2011, ISSN:1752-153X, DOI:10.1186/1752-153X-5-52, 52-59. ISI IF:2.55

Цитира се в:

1554. Niwa, A. M., D'Epiro, G. F. R., Marques, L. A., Semprebon, S. C., Sartori, D., Ribeiro, L. R., Mantovani, M. S., Salinomycin efficiency assessment in non-tumor (HB4a) and tumor (MCF-7) human breast cells, Naunyn-Schmiedeberg's Archives of Pharmacology, 389(6), pp. 557-571., @2016

464. Grigorova, E., Mandzhukova, Ts., **Tsyntsarski, B., Budinova, T.**, Khristova, M., Tzvetkov, P., **Petrova, B., Petrov, N.** Effect of activated carbons derived from different precursors on the hydrogen sorption properties of magnesium. Fuel Processing Technology, 92, 10, Elsevier, 2011, ISSN:0378-3820, DOI:10.1016/j.fuproc.2011.05.016, 1963-1969. SJR:1.571, ISI IF:4.031

Цумура се в:

1555. Wieckowski, A.B., Najder-Kozdrowska, L., Rechnia, P., Malaika, A., Krzyzyska, B., Kozłowski, M. EPR characteristics of activated carbon for hydrogen production by the thermocatalytic decomposition of methane, Acta Physica Polonica A, Vol. 130, No 3, pp. 701-704. DOI: 10.12693/APhysPolA.130.701., @2016

1556. Yao, X., Xie, Q., Yang, C., Zhang, B., Wan, C., Cui, S. Additivity of pore structural parameters of granular activated carbons derived from different coals and their blends, International Journal of Mining Science and Technology, Vol., 26, No 4, pp. 661-667. DOI: 10.1016/j.ijmst.2016.05.019, @2016

465. **Dolashki A., Voelter W., Dolashka P.** Phenoloxidase activity of intact and chemically modified functional unit RvH1-a from molluscan *Rapana venosa* hemocyanin.. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 160, 1, 2011, ISSN:10964959, 1-7. SJR:0.635, ISI IF:1.747

Цумура се в:

1557. Abalone hemocyanin blocks the entry of herpes simplex virus 1 into cells: A potential new antiviral strategy ., @2016

1558. Hemocyanins Stimulate Innate Immunity by Inducing Different Temporal Patterns of Proinflammatory Cytokine Expression in Macrophages., @2016

1559. Comparison of *Haliotis rubra* hemocyanin isoforms 1 and 2., @2016

1560. From Ocean to Bedside: the Therapeutic Potential of Molluscan Hemocyanins., @2016

1561. Immunological properties of oxygen-transport proteins: hemoglobin, hemocyanin and hemerythrin., @2016

1562. From Ocean to Bedside: the Therapeutic Potential of Molluscan Hemocyanins., @2016

466. Todorova, I.T., **Batovska, D.I., Stamboliyska, B.A., Parushev, S.P.** Evaluation of the radical scavenging activity of a series of synthetic hydroxychalcones towards the DPPH radical. Journal of the Serbian Chemical Society, 76, 4, Serbian Chemical Society, 2011, ISSN:0352-5139, DOI:doi: 10.2298/JSC100517043T, 491-497. SJR:0.281, ISI IF:0.871

Цумура се в:

1563. Mazzone, G., Galano, A., Alvarez-Idaboy, J. R., Russo, N., Coumarin–Chalcone Hybrids as Peroxyl Radical Scavengers: Kinetics and Mechanisms. Journal of chemical information and modeling, 2016, 56, 662-670., @2016

467. Sforcin, J. M., **Bankova, V.** Propolis: Is there a potential for the development of new drugs?. Journal of Ethnopharmacology, 133, 2, 2011, 253-260. ISI IF:3.014

Цумура се в:

1564. Siemionow, K., M. Tomczyk, U. Czyżewska, W. Milyk. *Planta Med*; 81(S 01): S1-S381 DOI: 10.1055/s-0036-1597048, @2016
1565. Jenkins, R.E., H.L. Brown, A.E. Roberts, R. Cooper. *Medical Research Archives* 4(8), (2016)* DOI: <http://dx.doi.org/10.18103/mra.v4i8.887>, @2016
1566. De Paula, E.M., R.B. Samensari, E. Machado, L.M. Pereira, F.J. Maia, E.H. Yoshimura, R. Franzolin, A.P. Faciola and L.M. Zeoula. *Livestock Science*, 191, 132–138, @2016
1567. Al-Ghamdi, A.A., Bayaqoob, N.I.M., Rushdi, A.I., Alattal, Y., Simoneit, B.R.T., El-Mubarak, A.H., Al-Mutlaq, K.F. *Saudi Journal of Biological Sciences* (2016)*, doi: <http://dx.doi.org/10.1016/j.sjbs.2016.12.012>, @2016
1568. Falcão, S.I., A. Tomás, C. Freire, M. Vilas-Boas. *Eur Food Res Technol* 242(8), 1393–1401 DOI 10.1007/s00217-016-2642-z, @2016
1569. Ibrahim, N., Zakaria, A.J., Ismail, Z., Mohd, K.S. *International Journal of Pharmacognosy and Phytochemical Research* 8(1), 156-161, @2016
1570. Paul, K., Catchpole, O., Mitchell, K. 2016. *Therapeutic Compositions and Uses Thereof*. United States Patent Application 20160030364 Kind Code: A, @2016
1571. Wang, X., K. Sankarapandian, Y. Cheng, S.O. Woo, H.W. Kwon, H. Perumalsamy, Y.-J. Ahn. *BMC Complementary and Alternative Medicine* 16: 65, @2016
1572. Doganli, G.A. *Rec. Nat. Prod.* 10(5), 617-627, @2016
1573. Roberto, M.M., S.T. Matsumoto, C.M. Jamal, O. Malaspina, M.A. Marin-Morales, *Toxicology in Vitro*, 33, 9-15, DOI: 10.1016/j.tiv.2016.02.005, @2016
1574. Fasolo, D., A.M. Bergold, G. von Poser, H. Ferreira Teixeira. *Journal of Pharmaceutical and Biomedical Analysis*, 124, 57 – 66, @2016
1575. Milojković Opsenica, D., P. Ristivojević, J. Trifković, I. Vovk, D. Lušić, Ž. Tešić. *J Chromatogr Sci* first published online February 29, 2016, doi:10.1093/chromsci/bmw024, @2016
1576. Franchin, M., D.F. Cólón, F.V.S. Castanheira, M.G. da Cunha, B. Bueno-Silva, S.M. Alencar, T.M. Cunha, P.L. Rosalen. *J. Nat. Prod.*, 79(4), 954–960, @2016
1577. Shehu, A., S. Ismail, M.A. Khalili Rohin, A. Harun, A. Abd Aziz, M. Haque. *Journal of Applied Pharmaceutical Science* Vol. 6(2), 44-50, @2016
1578. Xuan, H. Y. Wang, A. Li, C. Fu , Y. Wang , W. Peng. *Evidence-based Complementary and Alternative Medicine* Volume 2016, Article ID 9641965, @2016
1579. Rizzolo, A., G. Bianchi, M. Povolo, C.A. Migliori, G. Contarini, V. Pelizzola, T.M.P. Cattaneo, *Food Packaging and Shelf Life* 8, 41-49, @2016
1580. Darendelioglu, E., G. Aykutoglu, M. Tartik, G. Baydas, , *Acta Histochemica*, 118(4), 369-76, DOI: 10.1016/j.acthis.2016.03.007, @2016
1581. Wang, K., X. Jin, Y. Chen, Z. Song, X. Jiang, F. Hu, M.A. Conlon, D.L. Topping. *Nutrients*, 8, 272; doi:10.3390/nu8050272, @2016
1582. Hosseini, S.M., M.V. Azghandi, S. Ahani, R. Nourmohammadi. *Journal of Animal and Feed Sciences*, 25, 45–51, @2016
1583. Gheybi N, Bakhshi Biniyaz R, Taherkhani R, Jahani Hashemi H, Chegini R, Saremi M, Azhdari Zarmehri H, Najafipour R, Sofiabadi M. *Quarterly of the Horizon of Medical Sciences* 22(2), 145-150, @2016
1584. Ibrahim, N., Niza, N.F.S.M., Rodi, M.M.M., Zakaria, A.J., Ismail, Z., Mohd, K.S. *Malaysian*

1585. Mustafa, I.O. J Intercult Ethnopharmacol. 5(3), 233-238
doi:10.5455/jice.20160502065029, @2016
1586. Gomes M.F.F., Ítavo C.C.B.F., Leal C.R.B., Ítavo L.C.V., Lunas R.C. Pesquisa Veterinária Brasileira 36(4), 279-282, @2016
1587. Mantuanelli Roberto, M., C. Masrouah Jamal, O. Malaspina, M.A. Marin-Morales. Genetics and Molecular Biology, 39(2), 257-269, @2016
1588. Guilherme da Cunha M., P.L. Rosalen, M. Franchin, SM. de Alencar, M. Ikegaki, T. Ransom, J.A. Beutler. Planta Med 82, 190–194, @2016
1589. Tartik, M., E. Darendelioglu, G. Aykutoglu, G. Baydas. Biomedicine & Pharmacotherapy, 82, 704-712, @2016
1590. Czyżewska, U., K. Siemionow, I. Zaręba, W. Milyk. PLoS ONE 11(6): e0157091. doi:10.1371/journal.pone.0157091, @2016
1591. Turan, I., S. Demir, K. Kilinc, N. Arslan Burnaz, S.O. Yaman, K. Akbulut, A. Mentese, Y. Aliyazicioglu, O. Deger. Saudi Pharmaceutical Journal, Available online 20 June 2016, <http://dx.doi.org/10.1016/j.jsps.2016.06.002>, @2016
1592. D'Souza, E.; Mantri, J.; Surti, A. Indian Journal of Natural Products and Resources 7(2), 135 - 140, @2016
1593. Franchin, M., P.L. Rosalen, M.G. da Cunha, R.L. Silva, D.F. Colón, G.S. Bassi, S.M. de Alencar, M. Ikegaki, J.C. Alves-Filho, F.Q. Cunha, J.A. Beutler, T.M. Cunha. J. Nat. Prod., 79(7), 1828 - 1833, @2016
1594. Ristivojević P, Dimkić I, Trifković J, Berić T, Vovk I, Milojković-Opsenica D, Stanković S. PLoS ONE 11(6): e0157097. doi:10.1371/journal.pone.0157097, @2016
1595. Olczyk, P., P. Ramos, K. Komosinska-Vassev, L. Mencner, K. Olczyk, B. Pilawa. Evidence-Based Complementary and Alternative Medicine Volume 2016 Article ID 7292379, 8 pages, @2016
1596. Santos, N.W., E.H. Yoshimura, E. Machado, P.T. Matumoto-Pintro, P.F. Montanher, J.V. Visentainer, G.T. dos Santos, L.M. Zeoula. , Livestock Science, 191, 132 – 138, @2016
1597. Ashalia, C.D., Mulyohadi A., Hari P. Jurnal Kedokteran Brawijaya 29(2), 117 – 124, @2016
1598. Salgueiro, F.B., Castro, R.N. Quim. Nova 39(10), 1192-1199, @2016
1599. Chasset, T., T.T. Häbe, P. Ristivojevic, G.E. Morlock. Journal of Chromatography A, 1465, 197 – 204, @2016
1600. Šuran, J., K. Matanović, D. Brozić, T. Mašek, N. Maćešić, L. Radin, J. Aladrović, F. Božić, B. Šeol Martinec, M. Lipar, O. Smolec, M. Benić, B. Radić, G. Bačić. Veterinarska Stanica 47(4), 381 – 385, @2016
1601. Machorowska-Pieniążek, A., M. Skucha-Nowak, A. Mertas, M. Tanasiewicz, I. Niedzielska, T. Morawiec, S. Baron. eCAM Volume 2016, Article ID 2038407, 10 pages, @2016
1602. Shashikala A, Harini B.P, M.S Reddy. World Journal of Pharmaceutical Sciences; 4(5), 230-233, @2016
1603. Dimkić, I., P. Ristivojević, T. Janakiev, T. Berić, J. Trifković, D. Milojković-Opsenica, S. Stanković, Industrial Crops and Products 94(30), 856-871, @2016
1604. Somensi Zeggio, A.R. PhD Thesis, Universidade Federal de Santa Catarina, Florianópolis, 2016, @2016

1605. Othman, A.A., R.M.H. Balila, S.E.I. Mahdi, M.E. Ahmed. Sudan Medical Journal 52(2), 81-84, @2016
 1606. Siripatrawan, U. In: Novel Approaches of Nanotechnology in Food edited by Grumezescu, A.M., Academic Press, 2016, Pp. 465-507, ISBN 9780128043080, @2016
 1607. Vongsak, B., C. Chonant, S. Machana. Walailak Journal of Science and Technology (WJST), [S.I.], 15, @2016
 1608. Funakoshi-Tago M., K. Ohsawa, T. Ishikawa, F. Nakamura, F. Ueda, Y. Narukawa, F. Kiuchi, H. Tamura, K. Tago, T. Kasahara. International Immunopharmacology, 40, 550-560 (, @2016
 1609. Tiveron, A.P., Rosalen P..L, Franchin M., Lacerda R.C., Bueno-Silva B., Benso B., Denny C., Ikegaki M., Alencar S.M. PLoS One 11(11):e0165588. doi: 10.1371/journal.pone.0165588, @2016
468. Rosatella, A.A., Simeonov, S.P., Frade, R.F.M., Afonso, C.A.M.. 5-Hydroxymethylfurfural (HMF) as a building block platform: Biological properties, synthesis and synthetic applications. Green Chemistry, 13, RSC Publishing, 2011, ISSN:1463-9262, DOI:10.1039/C0GC00401D, 754-793. SJR:2.154, ISI IF:8.02

Цитируемые:

1610. Zhang, J., Das, A., Assary, R. S., Curtiss, L. A. and Weitz, E., A combined experimental and computational study of the mechanism of fructose dehydration to 5-hydroxymethylfurfural in dimethylsulfoxide using Amberlyst 70, PO4 3-/niobic acid, or sulfuric acid catalysts, Applied Catalysis B: Environmental, 2016, 181, 874-887., @2016
1611. Wang, G. H., X. Deng, D. Gu, K. Chen, H. TÃ¼ysÃ¼z, B. Spliethoff, H. J. Bongard, C. Weidenthaler, W. Schmidt, F. SchÃ¼th, Angewandte Chemie - International Edition, 2016, 55, 11101-11105., @2016
1612. Zhang, Y., Nanda, M., Tymchyshyn, M., Yuan, Z. and Xu, C., Mechanical, thermal, and curing characteristics of renewable phenol-hydroxymethylfurfural resin for application in bio-composites, Journal of Materials Science, 2016, 51, 732-738., @2016
1613. Zhang, Y., Yuan, Z., Mahmood, N., Huang, S. and Xu, C. C., Sustainable bio-phenol-hydroxymethylfurfural resins using phenolated de-polymerized hydrolysis lignin and their application in bio-composites, Industrial Crops and Products, 2016, 79, 84-90., @2016
1614. Wang, S., B. Liu, Z. Yuan, Z. Zhang, Journal of the Taiwan Institute of Chemical Engineers, 2016, 58, 92-96., @2016
1615. Wang, Z. W., M. Q. Zhu, M. F. Li, J. Q. Wang, Q. Wei, R. C. Sun, Biotechnology for Biofuels, 2016, 9, , @2016
1616. Wilson, J., E. Y. X. Chen, ACS Sustainable Chemistry and Engineering, 2016, 4, 4927-4936., @2016
1617. Wu, W. P., Y. J. Xu, R. Zhu, M. S. Cui, X. L. Li, J. Deng, Y. Fu, ChemSusChem, 2016, 9, 1209-1215., @2016
1618. Xu, Q., X. Li, T. Pan, C. Yu, J. Deng, Q. Guo, Y. Fu, Green Chemistry, 2016, 18, 1287-1294., @2016
1619. Xue, Z., M. G. Ma, Z. Li, T. Mu, RSC Advances, 2016, 6, 98874-98892., @2016
1620. Yan, B., H. Zang, Y. Jiang, S. Yu, E. Y. X. Chen, RSC Advances, 2016, 6, 76707-76715., @2016
1621. Yao, Y., Z. Gu, Y. Wang, H. J. Wang, W. Li, Russian Journal of General Chemistry, 2016, 86,

1698-1704., @2016

- 1622.** Yue, C., G. Li, E. A. Pidko, J. J. Wiesfeld, M. Rigutto, E. J. M. Hensen, *ChemSusChem*, 2016, 9, 2421-2429., @2016
- 1623.** Zhang, D., M. J. Dumont, A. Cherestes, *RSC Advances*, 2016, 6, 83466-83470., @2016
- 1624.** Zhang, J., A. Das, R. S. Assary, L. A. Curtiss, E. Weitz, *Applied Catalysis B: Environmental*, 2016, 181, 874-887., @2016
- 1625.** Zhang, J., Y. Xiao, Y. Zhong, N. Du, X. Huang, *ACS Sustainable Chemistry and Engineering*, 2016, 4, 3995-4002., @2016
- 1626.** Zhang, X., J. Liu, Y. Yang, F. Wang, H. Jiang, B. Yin, *Organic Chemistry Frontiers*, 2016, 3, 1105-1110., @2016
- 1627.** Zhang, Y., M. Nanda, M. Tymchyshyn, Z. Yuan, C. Xu, *Journal of Materials Science*, 2016, 51, 732-738., @2016
- 1628.** Zhang, Y., Z. Yuan, N. Mahmood, S. Huang, C. C. Xu, *Industrial Crops and Products*, 2016, 79, 84-90., @2016
- 1629.** Zhao, J., D. Yu, W. Zhang, Y. Hu, T. Jiang, J. Fu, H. Huang, *RSC Advances*, 2016, 6, 16988-16995., @2016
- 1630.** Zhao, J., C. Zhou, C. He, Y. Dai, X. Jia, Y. Yang, *Catalysis Today*, 2016, 264, 123-130., @2016
- 1631.** Zhou, L., J. D. Xu, S. S. Zhou, Q. Mao, M. Kong, H. Shen, X. Y. Li, S. M. Duan, J. Xu, S. L. Li, *Journal of Chromatography A*, 2016, 1472, 74-87., @2016
- 1632.** Zhou, P., Z. Zhang, *Catalysis Science and Technology*, 2016, 6, 3694-3712., @2016
- 1633.** Zhu, L., J. Dai, M. Liu, D. Tang, S. Liu, C. Hu, *ChemSusChem*, 2016, 9, 2174-2181., @2016
- 1634.** Zuo, X., P. Venkitasubramanian, D. H. Busch, B. Subramaniam, *ACS Sustainable Chemistry and Engineering*, 2016, 4, 3659-3668., @2016
- 1635.** Iriondo, A., A. Mendiguren, M. B. Güemez, J. Requies, J. F. Cambra, *Catalysis Today*, 2017, 279, 286-295., @2016
- 1636.** Lopes, M., K. Dussan, J. J. Leahy, V. T. da Silva, *Catalysis Today*, 2017, 279, 233-243., @2016
- 1637.** Qi, Y., M. Yang, W. Xu, S. He, Y. Men, *Journal of Colloid and Interface Science*, 2017, 486, 84-96., @2016
- 1638.** Arias, K. S., M. J. Climent, A. Corma, S. Iborra, *ACS Sustainable Chemistry and Engineering*, 2016, 4, 6152-6159., @2016
- 1639.** Arias, K. S., M. J. Climent, A. Corma, S. Iborra, *Topics in Catalysis*, 2016, 59, 1257-1265., @2016
- 1640.** Atanda, L., M. Konarova, Q. Ma, S. Mukundan, A. Shrotri, J. Beltramini, *Catalysis Science and Technology*, 2016, 6, 6257-6266., @2016
- 1641.** Bhaumik, P., P. L. Dhepe, *Catalysis Reviews - Science and Engineering*, 2016, 58, 36-112., @2016
- 1642.** Binh, N. T., C. N. Chau, L. T. Son, N. T. N. Quynh, *International Journal of Chemical Sciences*, 2016, 14, 704-710., @2016
- 1643.** Blumenthal, L. C., C. M. Jens, J. Ulbrich, F. Schwering, V. Langrehr, T. Turek, U. Kunz, K. Leonhard, R. Palkovits, *ACS Sustainable Chemistry and Engineering*, 2016, 4, 228-

- 1644.** Bredihhin, A., S. Luiga, L. Vares, *Synthesis (Germany)*, 2016, 48, 4181-4188., @2016
- 1645.** Cambié, D., C. Bottecchia, N. J. W. Straathof, V. Hessel, T. Noël, *Chemical Reviews*, 2016, 116, 10276-10341., @2016
- 1646.** Chen, H., J. Zhou, J. Mao, J. Yin, S. Li, *RSC Advances*, 2016, 6, 101485-101491., @2016
- 1647.** Cheng, J., M. Zhu, C. Wang, J. Li, X. Jiang, Y. Wei, W. Tang, D. Xue, J. Xiao, *Chemical Science*, 2016, 7, 4428-4434., @2016
- 1648.** Chinnappan, A., C. Baskar, H. Kim, *RSC Advances*, 2016, 6, 63991-64002., @2016
- 1649.** Cui, M. S., J. Deng, X. L. Li, Y. Fu, *ACS Sustainable Chemistry and Engineering*, 2016, 4, 1707-1714., @2016
- 1650.** De, S., J. Zhang, R. Luque, N. Yan, *Energy and Environmental Science*, 2016, 9, 3314-3347., @2016
- 1651.** Delidovich, I., P. J. C. Hausoul, L. Deng, R. Pfützenreuter, M. Rose, R. Palkovits, *Chemical Reviews*, 2016, 116, 1540-1599., @2016
- 1652.** Delidovich, I., R. Palkovits, *ChemSusChem*, 2016, 9, 547-561., @2016
- 1653.** do Prado, N. T., T. E. Souza, A. R. T. Machado, P. P. Souza, R. S. Monteiro, L. C. A. Oliveira, *Journal of Molecular Catalysis A: Chemical*, 2016, 422, 23-34., @2016
- 1654.** Eminov, S., A. Brandt, J. D. E. T. Wilton-Ely, J. P. Hallett, *PLoS ONE*, 2016, 11, , @2016
- 1655.** Galkin, K. I., E. A. Krivodaeva, L. V. Romashov, S. S. Zalesskiy, V. V. Kachala, J. V. Burykina, V. P. Ananikov, *Angewandte Chemie - International Edition*, 2016, 55, 8338-8342., @2016
- 1656.** Ge, W., J. H. Zhang, C. M. Pedersen, T. Zhao, F. Yue, C. Chen, P. Wang, Y. Wang, Y. Qiao, *ACS Sustainable Chemistry and Engineering*, 2016, 4, 1193-1200., @2016
- 1657.** Ge, Z., W. Tian, K. Zhang, M. Chen, S. Qin, X. Chen, W. Liu, *Applied Engineering in Agriculture*, 2016, 32, 661-667., @2016
- 1658.** Gemoets, H. P. L., Y. Su, M. Shang, V. Hessel, R. Luque, T. Noël, *Chemical Society Reviews*, 2016, 45, 83-117., @2016
- 1659.** Ghosh, K., R. A. Molla, M. A. Iqbal, S. S. Islam, S. M. Islam, *Applied Catalysis A: General*, 2016, 520, 44-52., @2016
- 1660.** Gonzales, R. R., Y. Hong, J. H. Park, G. Kumar, S. H. Kim, *Journal of Chemical Technology and Biotechnology*, 2016, 91, 1157-1163., @2016
- 1661.** Guo, Y., J. Chen, *RSC Advances*, 2016, 6, 101968-101973., @2016
- 1662.** Peng, H., J. Li, F. Wang, B. Liu, B. Yin, *Journal of Organic Chemistry*, 2016, 81, 4939-4946., @2016
- 1663.** Herbst, A., C. Janiak, *New Journal of Chemistry*, 2016, 40, 7958-7967., @2016
- 1664.** Hu, X., S. Jiang, S. Kadarwati, D. Dong, C. Z. Li, *RSC Advances*, 2016, 6, 40489-40501., @2016
- 1665.** Pérez, O. M., J. A. Anell, R. Martínez-Palou, CHAPTER 4: Biomass hydrolysis in ionic liquids. In *RSC Green Chemistry*, 2016; Vol. 2016-January, pp 95-120., @2016
- 1666.** Huang, Y., P. Y. Chao, T. Y. Cheng, Y. Ho, C. T. Lin, H. Y. Hsu, J. J. Wong, T. C. Tsai, *Chemical Engineering Journal*, 2016, 283, 778-788., @2016

1667. Perret, N., A. Grigoropoulos, M. Zanella, T. D. Manning, J. B. Claridge, M. J. Rosseinsky, *ChemSusChem*, 2016, 9, 521-531., @2016
1668. Huang, Z., Y. Pan, J. Guo, Y. Chao, W. Shen, C. Wang, H. Xu, *RSC Advances*, 2016, 6, 48694-48698., @2016
1669. Pratihari, S., *Organic and Biomolecular Chemistry*, 2016, 14, 2854-2865., @2016
1670. Kashin, A. S., K. I. Galkin, E. A. Khokhlova, V. P. Ananikov, *Angewandte Chemie - International Edition*, 2016, 55, 2161-2166., @2016
1671. Qi, Y., B. Song, Y. Qi, *RSC Advances*, 2016, 6, 102428-102435., @2016
1672. Qin, Y. Z., M. H. Zong, W. Y. Lou, N. Li, *ACS Sustainable Chemistry and Engineering*, 2016, 4, 4050-4054., @2016
1673. Kreissl, H. T., K. Nakagawa, Y. K. Peng, Y. Koito, J. Zheng, S. C. E. Tsang, *Journal of Catalysis*, 2016, 338, 329-339., @2016
1674. Li, H., Z. Fang, R. L. Smith, S. Yang, *Progress in Energy and Combustion Science*, 2016, 55, 98-194., @2016
1675. Raveendra, G., A. Rajasekhar, M. Srinivas, P. S. Sai Prasad, N. Lingaiah, *Applied Catalysis A: General*, 2016, 520, 105-113., @2016
1676. Li, J., H. Peng, F. Wang, X. Wang, H. Jiang, B. Yin, *Organic Letters*, 2016, 18, 3226-3229., @2016
1677. Li, S., K. Su, Z. Li, B. Cheng, *Green Chemistry*, 2016, 18, 2122-2128., @2016
1678. Reche, M. T., A. Osatiashtiani, L. J. Durndell, M. A. Isaacs, Â. Silva, A. F. Lee, K. Wilson, *Catalysis Science and Technology*, 2016, 6, 7334-7341., @2016
1679. Li, X., Q. Xia, V. C. Nguyen, K. Peng, X. Liu, N. Essayem, Y. Wang, *Catalysis Science and Technology*, 2016, 6, 7586-7596., @2016
1680. Rout, P. K., A. D. Nannaware, O. Prakash, A. Kalra, R. Rajasekharan, *Chemical Engineering Science*, 2016, 142, 318-346., @2016
1681. Roylance, J. J., K. S. Choi, *Green Chemistry*, 2016, 18, 2956-2960., @2016
1682. Liu, B., Z. Zhang, *ACS Catalysis*, 2016, 6, 326-338., @2016
1683. Liu, B., Z. Zhang, *ChemSusChem*, 2016, 9, 2015-2036., @2016
1684. Roylance, J. J., K. S. Choi, *Green Chemistry*, 2016, 18, 5412-5417., @2016
1685. Liu, J., H. Peng, Y. Yang, H. Jiang, B. Yin, *Journal of Organic Chemistry*, 2016, 81, 9695-9706., @2016
1686. Liu, J., X. Xu, J. Li, B. Liu, H. Jiang, B. Yin, *Chemical Communications*, 2016, 52, 9550-9553., @2016
1687. Liu, Q., F. Yang, H. Yin, Y. Du, *RSC Advances*, 2016, 6, 49760-49763., @2016
1688. Liu, X., H. Wang, L. Wei, J. Liu, R. D. Reitz, M. Yao, *Combustion and Flame*, 2016, 165, 453-465., @2016
1689. Luo, K., Y. Wang, J. Yu, J. Zhu, Z. Hu, *RSC Advances*, 2016, 6, 87013-87020., @2016
1690. Lv, G., C. Chen, B. Lu, J. Li, Y. Yang, C. Chen, T. Deng, Y. Zhu, X. Hou, *RSC Advances*, 2016, 6, 101277-101282., @2016
1691. Roylance, J. J., T. W. Kim, K. S. Choi, *ACS Catalysis*, 2016, 6, 1840-1847., @2016

- 1692.** Lv, G., H. Wang, Y. Yang, X. Li, T. Deng, C. Chen, Y. Zhu, X. Hou, *Catalysis Science and Technology*, 2016, 6, 2377-2386., @2016
- 1693.** Makarov, A. S., A. A. Merkushev, M. G. Uchuskin, I. V. Trushkov, *Organic Letters*, 2016, 18, 2192-2195., @2016
- 1694.** Sanchez, L. M., H. J. Thomas, M. J. Climent, G. P. Romanelli, S. Iborra, *Catalysis Reviews - Science and Engineering*, 2016, 58, 497-586., @2016
- 1695.** Masiutin, I. A., A. A. Novikov, A. A. Litvin, D. S. Kopitsyn, D. A. Beskorovaynaya, E. V. Ivanov, *Starch/Staerke*, 2016, 68, 637-643., @2016
- 1696.** Saravanamurugan, S., A. Riisager, E. Taarning, S. Meier, *ChemCatChem*, 2016, 8, 3107-3111., @2016
- 1697.** Mau, V., J. Quance, R. Posmanik, A. Gross, *Bioresource Technology*, 2016, 219, 632-642., @2016
- 1698.** Mliki, K., M. Trabelsi, *Research on Chemical Intermediates*, 2016, 42, 8253-8260., @2016
- 1699.** Schute, K., Y. Louven, C. Detoni, M. Rose, *Chemie-Ingenieur-Technik*, 2016, 88, 355-362., @2016
- 1700.** Mohammad, S., C. Held, E. Altuntepe, T. Köse, G. Sadowski, *Journal of Physical Chemistry B*, 2016, 120, 3797-3808., @2016
- 1701.** Motokucho, S., H. Morikawa, H. Nakatani, B. A. J. Noorder, *Tetrahedron Letters*, 2016, 57, 4742-4745., @2016
- 1702.** Shaikh, M., M. Sahu, P. K. Gavel, G. R. Turpu, S. Khilari, D. Pradhan, K. V. S. Ranganath, *Catalysis Communications*, 2016, 84, 89-92., @2016
- 1703.** Mou, Z., S. Feng, E. Y. X. Chen, *Polymer Chemistry*, 2016, 7, 1593-1602., @2016
- 1704.** Shaikh, M., M. Sahu, S. Khilari, A. K. Kumar, P. Maji, K. V. S. Ranganath, *RSC Advances*, 2016, 6, 82591-82595., @2016
- 1705.** Mousavi, R., M. Alizadeh, S. Saleh-Ghadimi, *European Food Research and Technology*, 2016, 242, 677-684., @2016
- 1706.** Shi, J., Y. Wang, X. Yu, W. Du, Z. Hou, *Fuel*, 2016, 163, 74-79., @2016
- 1707.** Naseem, A., S. Tabasum, K. M. Zia, M. Zuber, M. Ali, A. Noreen, *International Journal of Biological Macromolecules*, 2016, 93, 296-313., @2016
- 1708.** Neațu, F., G. Culică, M. Florea, V. I. Parvulescu, F. Cavani, *ChemSusChem*, 2016, 9, 3102-3112., @2016
- 1709.** Pan, J., Y. Mao, H. Gao, Q. Xiong, F. Qiu, T. Zhang, X. Niu, *Carbohydrate Polymers*, 2016, 143, 212-222., @2016
- 1710.** Siankevich, S., Z. Fei, R. Scopelliti, P. G. Jessop, J. Zhang, N. Yan, P. J. Dyson, *ChemSusChem*, 2016, 9, 2089-2096., @2016
- 1711.** Sindermann, E. C., A. Holbach, A. de Haan, N. Kockmann, *Chemical Engineering Journal*, 2016, 283, 251-259., @2016
- 1712.** Singh, V., P. K. Chhotaray, N. Islam, R. L. Gardas, *Journal of Chemical Thermodynamics*, 2016, 103, 7-16., @2016
- 1713.** Huang, Y., Chao, P. Y., Cheng, T. Y., Ho, Y., Lin, C. T., Hsu, H. Y., Wong, J. J. and Tsai, T. C., Design of sulfonated mesoporous silica catalyst for fructose dehydration guided by difructose anhydride intermediate incorporated reaction network, *Chemical Engineering*

1714. Song, Y., X. Wang, Y. Qu, C. Huang, Y. Li, B. Chen, Catalysts, 2016, 6, 1-11., @2016
1715. Teng, J., H. Ma, F. Wang, L. Wang, X. Li, ACS Sustainable Chemistry and Engineering, 2016, 4, 2020-2026., @2016
1716. Lane, D. R., Mascall, M. and Stroeve, P., Experimental studies towards optimization of the production of 5-(chloromethyl)furfural (CMF) from glucose in a two-phase reactor, Renewable Energy, 2016, 85, 994-1001., @2016
1717. Tian, X., Z. Jiang, Y. Jiang, W. Xu, C. Li, L. Luo, Z. J. Jiang, RSC Advances, 2016, 6, 101526-101534., @2016
1718. Liu, X., Xu, Q., Liu, J., Yin, D., Su, S. and Ding, H., Hydrolysis of cellulose into reducing sugars in ionic liquids, Fuel, 2016, 164, 46-50., @2016
1719. Ventura, M., M. Aresta, A. Dibenedetto, ChemSusChem, 2016, 9, 1096-1100., @2016
1720. Neațu, F., Marin, R. S., Florea, M., Petrea, N., Pavel, O. D. and Pârvulescu, V. I., Selective oxidation of 5-hydroxymethyl furfural over non-precious metal heterogeneous catalysts, Applied Catalysis B: Environmental, 2016, 180, 751-757., @2016
1721. Wagh, K. V., K. C. Badgujar, N. M. Patil, B. M. Bhanage, Current Organic Chemistry, 2016, 20, 736-751., @2016
1722. Wang, F., L. Jiang, J. Wang, Z. Zhang, Energy and Fuels, 2016, 30, 5885-5892., @2016
469. Tsoncheva T., Jarn M., Paneva D., **Dimitrov M.**, Mitov I. Copper and chromium oxide nanocomposites supported on SBA-15 silica as catalysts for ethylacetate combustion: Effect of mesoporous structure and metal oxide composition. Microporous and Mesoporous Materials, 137, 1-3, Elsevier, 2011, ISSN:1387-1811, DOI:doi:10.1016/j.micromeso.2010.08.021, 56-64. SJR:1.156, ISI IF:3.359

Цитира се в:

1723. Li, L., Wu, Z., Guo, L., Yuan, X., Decomposition of cyclohexyl hydroperoxide over bimetallic mesoporous materials containing cobalt and chromium, 2016, Canadian Journal of Chemical Engineering 94, pp. 1987-1994, @2016
1724. Pei, Z., Zheng, X., Li, Z., Progress on synthesis and applications of Cr₂O₃ nanoparticles, 2016, Journal of Nanoscience and Nanotechnology 16, pp. 4655-4671, @2016
1725. Dragoi, B., Ungureanu, A., Ciotonea, C., Royer, S., Dumitriu, E., Controlling the distribution of cobalt (oxide) nanoparticles in the dual pore system of SBA-15 scaffolds, 2016, Microporous and Mesoporous Materials 224, pp. 176-189, @2016

470. Gesheva, V., **Idakieva, K.**, Kerekov, N., Nikolova, K., Mihaylova, N., Doumanova, L., Tchorbanov, A.. Marine gastropod hemocyanins as adjuvants of non-conjugated bacterial and viral proteins. Fish and Shellfish Immunology, 30, ACADEMIC PRESS LTD- ELSEVIER SCIENCE LTD, 24-28 OVAL RD, LONDON NW1 7DX, ENGLAND, 2011, 135-142. ISI IF:3.715

Цитира се в:

1726. Zhong, T.-Y., S. Arancibia, R. Born, R. Tampe, J. Villar, M. Del Campo, A. Manubens, M. I. Becker, J. Immunol., 196, 4650-4662, @2016
1727. Zheng, L., Zhao, X., Zhang, P., Chen, C., Liu, Sh., Huang, R., Zhong, M., Wei, Ch., Zhang, Y., PLoS ONE 11 (3): e0151801. doi:10.1371/journal.pone.0151801, @2016

471. **Tsoncheva T.**, Dal Santo V, Gallo A., Scotti N., **Dimitrov M.**, Kovacheva D.. Structure and catalytic activity of hosted in mesoporous silicas copper species: Effect of preparation procedure and support pore topology. *Applied Catalysis A: General*, 406, 1-2, Elsevier, 2011, ISSN:0926860X, DOI:doi:10.1016/j.apcata.2011.07.034, 13-21. SJR:1.213, ISI IF:3.977

Цумура се е:

1728. Cruz, P., Pérez, Y., Del Hierro, I., Fajardo, M., Copper, copper oxide nanoparticles and copper complexes supported on mesoporous SBA-15 as catalysts in the selective oxidation of benzyl alcohol in aqueous phase, 2016, *Microporous and Mesoporous Materials* 220, pp. 136-147, @2016
1729. Aslam, S., Subhan, F., Yan, Z., Zeng, J., Ikram, M., Facile fabrication of Ni-based KIT-6 for adsorptive desulfurization, 2016, *Chemical Engineering Journal* 302, pp. 239-248, @2016
1730. Chirieac, A., Dragoi, B., Ungureanu, A., Ferino, I., Dumitriu, E. Facile synthesis of highly dispersed and thermally stable copper-based nanoparticles supported on SBA-15 occluded with P123 surfactant for catalytic applications, 2016, *Journal of Catalysis* 339, pp. 270-283, @2016
1731. Rahman, S., Shah, S., Santra, C., Mazumder, S., Chowdhury, B., Controllable synthesis of niobium doped mesoporous silica materials with various morphologies and its activity for oxidative catalysis, 2016, *Microporous and Mesoporous Materials* 226, pp. 169-178, @2016
1732. Kucherov, A.V., Water as a key factor providing an easy migration/redistribution of Cu²⁺ species in CuO/HZSM-5, 2016, *Mendelev Communications* 26, pp. 254-255, @2016
1733. Lin, L.-Y., Bai, H., Promotional effects of manganese on the structure and activity of Ce-Al-Si based catalysts for low-temperature oxidation of acetone, 2016, *Chemical Engineering Journal* 291, pp. 94-105, @2016
1734. Wang, Y., Yang, X., Wang, Y., Catalytic performance of mesoporous MgO supported Ni catalyst in steam reforming of model compounds of biomass fermentation for hydrogen production, 2016, *International Journal of Hydrogen Energy* 41 (40), pp. 17846-17857, @2016
472. Manova E., **Tsoncheva T.**, Paneva D, **Popova M.**, Velinov N., Kunev B., Tenchev K., Mitov I.. Nanosized copper ferrite materials: Mechanochemical synthesis and characterization. *Journal of Solid State Chemistry*, 184, Elsevier, 2011, ISSN:0022-4596, DOI:doi:10.1016/j.jssc.2011.03.035, 1153-1158. SJR:0.748, ISI IF:2.234

Цумура се е:

1735. Cama, C.A., Pelliccione, C.J., Brady, A.B., Takeuchi, K.J., Marschilok, A.C. Redox chemistry of a binary transition metal oxide (AB₂O₄): A study of the Cu²⁺/Cu⁰ and Fe³⁺/Fe⁰ interconversions observed upon lithiation in a CuFe₂O₄ battery using X-ray absorption spectroscopy, *Physical Chemistry Chemical Physics*, 18, pp. 16930-16940, @2016, @2016
1736. Plyasova, L.M., Minyukova, T.P., Yurieva, T.M., Bobrikov, I.A., Balagurov, A.M., Cation distribution in Cu(Cr_{2-x}Al_x)O₄ and Cu(Fe_{2-x}Al_x)O₄ according to neutron-diffraction studies and their catalytic properties in the water-gas shift reaction, *Journal of Surface Investigation*, 10 (6), pp. 1161-1168, @2016
473. **Trendafilova, A.**, **Todorova, M.**, Nikolova, M., Gavrilova A, Vitkova, A.. Flavonoid Constituents and Free Radical Scavenging Activity of *Alchemilla mollis*. *Natural Product Communications*, 6, Natural Product Inc., 2011, ISSN:1934-578X (printed); 1555-9475 (online), 1851-1854. SJR:0.402, ISI IF:1.242

Цумура се е:

1737. S. Oksana, H. Irene, Z. Marek, R. Cornelia, B. Marian, Comparative Analysis of Bioactive

1738. El-Aasr, M., Kabbash, A., Abo El-Seoud, K.A., Al-Madboly, L.A., Ikeda, T. Antimicrobial and immunomodulatory activities of flavonol glycosides isolated from *Atriplex halimus* L. Herb (2016) Journal of Pharmaceutical Sciences and Research, 8 (10), pp. 1159-1168, @2016
1739. Ge, J., Miao, J.-J., Sun, X.-Y., Yu, J.-Y. Huangkui capsule, an extract from *Abelmoschus manihot* (L.) medic, improves diabetic nephropathy via activating peroxisome proliferator-activated receptor (PPAR)- α/γ and attenuating endoplasmic reticulum stress in rats (2016) Journal of Ethnopharmacology, 189, pp. 238-249, @2016
1740. Öz, B.E., İlhan, M., Özbilgin, S., Akkol, E.K., Acıkara, O.B., Saltan, G., Keleş, H., Süntar, I. Effects of *Alchemilla mollis* and *Alchemilla persica* on the wound healing process (2016) Bangladesh Journal of Pharmacology, 11 (3), pp. 577-584, @2016
474. Atanassova, M., **Kurteva, V.**, Lubenov, L.. Synergistic effect in the solvent extraction and separation of lanthanoids by 4-(4-fluorobenzoyl)-3-methyl-1-phenyl-pyrazol-5-one in the presence of monofunctional neutral organophosphorus extractants. Industrial and Engineering Chemical Research, 50, ACS, 2011, ISSN:0888-5885 (printed); 1520-5045(electronic), DOI:10.1021/ie201207n, 12170-12176. SJR:0.948, ISI IF:2.587

Цумура се в:

1741. Li, Y.; Hu, J.; Fu, M.; Tang, J.; Dong, L.; Liu, S.; Investigation of intermolecular interactions of mixed extractants of quaternary phosphonium or ammonium chlorides and bis(2, 4, 4-ethylhexyl)phosphoric acid for metal separation, RSC Adv. 2016, 6, 56772-56779., @2016
1742. Yu, D.; Du, R.; Zhang, S.; Lu, R.; Xiao, H. A. & J.-C; Prediction of solubility properties from transfer energies for acidic phosphorus-containing rare-earth extractants using implicit solvation model, Solvent Extraction and Ion Exchange 2016, 34, 347-354., @2016
475. **Trusheva, B., Popova, M.**, Koendhori, E. B., Tsvetkova, I., Najdenski, H, **Bankova, V.**. Indonesian propolis: chemical composition, biological activity and botanical origin. Natural Product Research, 25, 6, 2011, 606-613. ISI IF:1.009

Цумура се в:

1743. Saeed, F., Ahmad, R. S., Arshad, M. U., Niaz, B., Batool, R., Naz, R., Suleria, H. A. R. "Propolis to Curb Lifestyle Related Disorders: An Overview", International Journal of Food Properties 19(2), 420-437 (2016), @2016
1744. Sforcin, J. M. "Biological properties and therapeutic applications of propolis", Phytother Res 30(6), 894-905 (2016)., @2016
476. Pavlova, K., Rusinova-Videva, S., Kunchewa, M., **Kratchanova, M.**, Gocheva, M., Dimitrova, S.. Synthesis and characterization of an exopolysaccharide by antarctic yeast strain *Cryptococcus laurentii* AL 100. Applied Biochemistry and Biotechnology, 163, 8, Springer, 2011, ISSN:0273-2289, 1038-1052. ISI IF:0.5

Цумура се в:

1745. Sousa, T.G.C., Pinheiro, T.A., Coelho, D.F., Campos, E.S., Coutinho-Filho, U. (2016) Evaluation of biosurfactant production by yeasts from Antarctica. Chemical Engineering Transactions, 49, pp. 547-552, @2016
1746. Han, M., Du, C., Xu, Z.-Y., Qian, H., Zhang, W.-G. (2016) Rheological properties of phosphorylated exopolysaccharide produced by *Sporidiobolus pararoseus* JD-2. International

1747. Antony, R., Sanyal, A., Kapse, N., Thampan, M., Nair, S. (2016) Microbial communities associated with Antarctic snow pack and their biogeochemical implications. Microbiological Research, 192, pp. 192-202, @2016

477. Chakarova, K., Petrova, G., **Dimitrov, M.**, Dimitrov, L., Vayssilov, G., **Tsoncheva, T.**, Hadjiivanov, K.. Coordination state of Cu⁺ ions in Cu-[Al]MCM-41. Applied Catalysis B: Environmental, 106, 1-2, Elsevier, 2011, ISSN:0926-3373, DOI:doi:10.1016/j.apcatb.2011.05.024, 186-194. SJR:2.088, ISI IF:7.435

Цитирана се в:

1748. Sekkiou, H., Boukoussa, B., Ghezini, R., Hamacha, R., Bengueddach, A. Enhanced hydrogen storage capacity of copper containing mesoporous silicas prepared using different methods, 2016, Materials Research Express 3, pp. 085501, @2016

1749. Wu, M., Zhao, Q.-Q., Li, J., Guan, X.-X., Liu, P., Esterification of levulinic acid into hexyl levulinate over dodecatungstophosphoric acid anchored to Al-MCM-41, 2016, Journal of Experimental Nanoscience 11, pp. 1331-1347, @2016

478. Mavrova, A.T., Wesselinova, D., **Vassilev, N.**, Tsenov, J.A.. Synthesis, characterization and cytotoxicity of some novel 1,3-disubstituted-2,3-dihydro-2-iminobenzimidazoles. European Journal of Medicinal Chemistry, 46, 8, Elsevier B.V., 2011, ISSN:0223-5234, DOI:10.1016/j.ejmech.2011.04.061, 3362-3367. SJR:1.004, ISI IF:3.447

Цитирана се в:

1750. Zarubaev, V.V., Morkovnik, A.S., Divaeva, L.N., Karpinskaya, L.A., Borodkin, G.S., Tautomeric and non-tautomeric N-substituted 2-iminobenzimidazolines as new lead compounds for the design of anti-influenza drugs: An in vitro study (2016) Bioorganic and Medicinal Chemistry, 24 (22), pp. 5796-5803., @2016

479. Vacheva, A., Mustafa, B., Staneva, J., Marhova, M., Kostadinova, S., **Todorova, M.**, Ivanova, R., Stoitsova, S.. Effects of extracts from medicinal plants on biofilm formation by Escherichia coli urinary tract isolates (Article). Biotechnology & Biotechnological Equipment, 25, 4, Taylor & Francis, 2011, ISSN:1310-2818, 92-97. ISI IF:0.76

Цитирана се в:

1751. Biofilm inhibition activity of traditional medicinal plants from Northwestern Argentina against native pathogen and environmental microorganisms, @2016

1752. Antibiofilm activity of essential oils and plant extracts against Staphylococcus aureus and Escherichia coli biofilms, @2016

480. Ivanova, S., Zhecheva, E., Stoyanova, R., Nihtianova, D., Wegner, S., Tzvetkova, P., **Simova, S.** High-voltage LiNi 1/2Mn 3/2O 4 spinel: Cationic order and particle size distribution. The Journal of Physical Chemistry C, 115, 50, ACS, 2011, ISSN:Print Edition ISSN: 1932-7447 Web Edition ISSN: 1932-7455, DOI:10.1021/jp208976h, 25170-25182. SJR:1.86, ISI IF:4.772

Цитирана се в:

1753. Lee, T. J., Lee, J. B., Yoon, T., (...), Kim, J. J., Oh, S. M., Tris(pentafluorophenyl)silane as an electrolyte additive for 5 V LiNi_{0.5}Mn_{1.5}O₄ positive electrode, Journal of the Electrochemical Society, 163(6), pp. A898-A903., @2016

1754. Li, H.; Zhang, S.; Wei, X.; Yang, P.; Jian, Z.; Meng, J., Glucose-assisted combustion synthesis

of $\text{Li}_{1.2}\text{Ni}_{0.13}\text{Co}_{0.13}\text{Mn}_{0.54}\text{O}_2$ cathode materials with superior electrochemical performance for lithium-ion batteries, *RSC Advances*, 6(82), pp. 79050-79057., @2016

1755. Mao, J., Dai, K., Xuan, M., Shao, G., Qiao, R., Yang, W., Battaglia, V. S., Liu, G., Effect of Chromium and Niobium Doping on the Morphology and Electrochemical Performance of High-Voltage Spinel $\text{LiNi}_{0.5}\text{Mn}_{1.5}\text{O}_4$ Cathode Material, *ACS Applied Materials and Interfaces*, 8(14), pp. 9116-9124., @2016
 1756. Mao, J., Ma, M., Liu, P., (...), Dai, K., Liu, G., The effect of cobalt doping on the morphology and electrochemical performance of high-voltage spinel $\text{LiNi}_{0.5}\text{Mn}_{1.5}\text{O}_4$ cathode material, *Solid State Ionics*, 292, pp. 70-74., @2016
 1757. Wang, L., Hu, Z., Zhao, K., (...), Ren, W., Mai, L., Hollow spherical $\text{LiNi}_{0.5}\text{Mn}_{1.5}\text{O}_4$ built from polyhedra with high-rate performance via carbon nanotube modification, *Science China Materials*, 59(2), pp. 95-103., @2016
481. Szegedi, A, **Popova, M.**, Goshev, I., Mihály, J.. Effect of amine functionalization of spherical MCM-41 and SBA-15 on controlled drug release. *Journal of Solid State Chemistry*, 184, 5, Elsevier, 2011, ISSN:0022-4596, ISI IF:2.234

Цумура ce в:

1758. Zakeri Siavashani, A., Haghbini Nazarpak, M., Fayyazbakhsh, F., Toliyat, T., McInnes, S.J.P., Solati-Hashjin, M., Effect of amino-functionalization on insulin delivery and cell viability for two types of silica mesoporous structures , *Journal of Materials Science*, 51 (24), pp. 10897-10909, @2016, @2016
1759. Talavera-Pech, W.A., Esparza-Ruiz, A., Quintana-Owen, P., Vilchis-Nestor, A.R., Carrera-Figueiras, C., Ávila-Ortega, A., Effects of different amounts of APTES on physicochemical and structural properties of amino-functionalized MCM-41-MSNs , *Journal of Sol-Gel Science and Technology*, 80 (3), pp. 697-708, @2016, @2016
1760. Trofymchuk, I.M. , Roik, N. , Belyakova, L. , Sol-Gel Synthesis of Ordered β -Cyclodextrin-Containing Silicas, *Nanoscale Research Letters*, 11 (1), Article number 174, @2016, @2016
1761. Wang, A.a, Edwards, B.J., Modeling controlled release from hollow porous nanospheres, *International Journal of Heat and Mass Transfer*, 103, pp. 997-1007, @2016, @2016
1762. Bacsik, Z. , Hedin, N. , Effects of carbon dioxide captured from ambient air on the infrared spectra of supported amines , *Vibrational Spectroscopy*, 87, pp. 215-221, @2016, @2016
1763. Sui, B., Zhong, G., Sun, J., Drug-loadable Mesoporous Bioactive Glass Nanospheres: Biodistribution, Clearance, BRL Cellular Location and Systemic Risk Assessment via ^{45}Ca Labelling and Histological Analysis, *Scientific Reports*, 6, Article number 33443, @2016, @2016
1764. Braz, W.R., Rocha, N.L., De Faria, E.H., Silva, M.L.A.E., Ciuffi, K.J., Tavares, D.C., Furtado, R.A., Rocha, L.A., Nassar, E.J., Incorporation of anti-inflammatory agent into mesoporous silica , *Nanotechnology*, 27 (38), Article number 385103, @2016, @2016
1765. Patel, A. , Solanki, P., 12-Tungstophosphoric acid functionalized MCM-41: synthesis, characterization and study of controlled in vitro release of l-arginine , *Journal of Porous Materials*, 23 (4), pp. 1113-1123, @2016, @2016
1766. Jangra, S., Girotra, P., Chhokar, V., Tomer, V.K., Sharma, A.K., Duhan, S., In-vitro drug release kinetics studies of mesoporous SBA-15-azathioprine composite, *Journal of Porous Materials*, 23 (3), pp. 679-688, @2016, @2016
1767. Fazaeli, Y. , Feizi, S., Jalilian, A.R., Hejrani, A., Grafting of ^{64}Cu -TPPF20 porphyrin complex on Functionalized nano-porous MCM-41 silica as a potential cancer imaging agent,

1768. Sari Yilmaz, M., Palantoken, A., Piskin, S., Release of flurbiprofen using of SBA-15 mesoporous silica: Influence of silica sources and functionalization, Journal of Non-Crystalline Solids, 437, pp. 80-86, @2016, @2016
 1769. Malfanti, A., Miletto, I., Bottinelli, E., Zonari, D., Blandino, G., Berlier, G., Arpicco, S. , Delivery of gemcitabine prodrugs employing mesoporous silica nanoparticles, Molecules, 21 (4), Article number 522, @2016, @2016
 1770. Neto, H.S., De Araujo, G.L.B., Dos Santos, L.L., Cosentino, I.C., De Souza Carvalho, F.M., Do Rosário Matos, J. , Inclusion of prednicarbate in the SBA-15 silica: Protective effect and analytical profile when incorporated in a semisolid pharmaceutical formulation , Journal of Thermal Analysis and Calorimetry, 123 (3), pp. 2297-2305, @2016, @2016
 1771. Wang, A., Ji, Y., Yin, H., Liu, S., Synthesis of different-sized SBA-15 nanoparticles and their fluoride release performances from poly(methyl methacrylate) dental restorative resin, New Journal of Chemistry, 40 (11), pp. 9781-9787, @2016, @2016
 1772. Revathi, C., Rajavel, K., Saranya, M., Rajendra Kumar, R.T., MWCNT based non-enzymatic H₂O₂ sensor: Influence of amine functionalization on the electrochemical H₂O₂ sensing , Journal of the Electrochemical Society, 163 (13), pp. B627-B632, @2016, @2016
 1773. Ayad, M.M., Salahuddin, N.A., Torad, N.L., El-Nasr, A.A., PH-Responsive sulphonated mesoporous silica: A comparative drug release study, RSC Advances, 6 (63), pp. 57929-57940, @2016, @2016
 1774. Bigham, A., Hassanzadeh-Tabrizi, S.A., Rafienia, M., Salehi, H. Ordered mesoporous magnesium silicate with uniform nanochannels as a drug delivery system: The effect of calcination temperature on drug delivery rate, 2016, Ceramics International, 42 (15), pp. 17185-17191, @2016
 1775. Legnoverde, M.S., Basaldella, E.I., Influence of particle size on the adsorption and release of cephalexin encapsulated in mesoporous silica SBA-15, Materials Letters, 181, pp. 331-334, @2016
482. Nedeltcheva, D., Kurteva, V., Antonov, L.. Gas phase study of molecular switches based on tautomeric proton transfer. European Journal of Mass Spectrometry, 17, 1, 2011, ISSN:1469-0667 (printed); 1356-1049 (electronic), DOI:10.1255/ejms.1106, 47-56. SJR:0.397, ISI IF:1

Цитира се в:

1776. Тхани, Аль-Саиди Мохаммед Забун; Таутомерия и экстракционно-фотометрическое определение фенилазонафтолов с применением смешанных мицелл поверхностно-активных веществ, ФГБОУ ВПО Саратовский Государственный Университет имени Н. Г. Чернышевского, Саратов, 2016, @2016
483. Kurteva, V., Simeonov, S., Stoilova-Disheva, M.. Symmetrical acyclic aryl aldazines with antibacterial and antifungal activity. Pharmacology and Pharmacy, 2, 2011, ISSN:2157-9423 (Print); 2157-9431 (Online), DOI:10.4236/pp.2011.21001, 1-9

Цитира се в:

1777. Yang, J.; Rui, J.; Xu, X.; Yang, Y.; Su, J.; Xu, H.; Wang, Y.; Sun, N.; Wang, S.; Fluorescence staining of salicylaldehyde azine, and applications in the determination of potassium tert-butoxide, RSC Advances, 2016, 6, 30636-30641., @2016
1778. Safari, J. ; Gandomi-Ravandi, S. ; Shariat, S. ; Tungsten hexachloride nanoparticles loaded on montmorillonite K-10: a novel solid acid catalyst in the synthesis of symmetrical and

484. Petreska, J., Stefkov, G., Kulevanova, S., **Alipieva, K., Bankova, B.**, Stefova, M.. Phenolic compounds of mountain tea from the Balkans: LC/DAD/ESI/MS n profile and content.. Natural Product Communications, 6, 2011, 21-30. ISI IF:1.242

Цумура се в:

1779. Romanucci, V., Di Fabio, G., D'Alonzo, D., Guaragna, A., Scapagnini, G. and Zarrelli, A. J. Sci. Food Agric.. doi:10.1002/jsfa.7867, @2016

485. Tsibranska, I., Tylkowski, B., Kochanov, R., **Alipieva, K.**.. Extraction of biologically active compounds from *Sideritis* ssp. L.. Food and Bioproducts Processing, 89, 2011, 273-280. ISI IF:1.94

Цумура се в:

1780. Hofrichter, J., Krohn, M., Schumacher, T., Lange, C., Feistel, B., Walbroel, B., Pahnke, J. *Sideritis* spp. Extracts Enhance Memory and Learning in Alzheimer's β -Amyloidosis Mouse Models and Aged C57Bl/6 Mice. Journal of Alzheimer's Disease, 53 (3), 967-980., @2016

486. Georgiev M., **Alipieva K.**, Orhan I, Abrashev R, **Denev P.**, Angelova M.. Antioxidant and Cholinesterases Inhibitory Activities of *Verbascum xanthophoeniceum* Griseb. and Its Phenylethanoid Glycosides. Food Chemistry, 128, Elsevier, 2011, 100-105. SJR:1.683, ISI IF:3.655

Цумура се в:

1781. Taleb, S., Ozgoli, G. , Mojab, F., Nsiri, M., Ahvazi, M. Effect of *Verbascum Thapsus* cream on intensity of episiotomy pain in primiparous women. Iranian Journal of Obstetrics, Gynecology and Infertility, 19 (7), 9-17, @2016

1782. Zhou, B., Li, M. , Cao, X., Zhang, Q., Liu, Y., Ma, Q., Qiu, Y., Luan, F., Wang, X. Phenylethanoid glycosides of *Pedicularis muscicola* Maxim ameliorate high altitude-induced memory impairment. Physiology and Behavior, 157, 39-46, @2016

1783. Ado, M.A., Abas, F., Leong, S.W., Shaari, K., Ismail, I.S., Ghazali, H.M., Lajis, N.H. Chemical constituents and biological activities of *Callicarpa maingayi* leaves. South African Journal of Botany, 104, 98-104., @2016

1784. Xue, Z. , Yang, B. Phenylethanoid glycosides: Research advances in their phytochemistry, pharmacological activity and pharmacokinetics. Molecules, 21 (8), Article number 21080991., @2016

1785. Mihailović, V., Kreft, S., Benković, E.T., Ivanović, N., Stanković, M.S. Chemical profile, antioxidant activity and stability in stimulated gastrointestinal tract model system of three *Verbascum* species. Industrial Crops and Products, 89, 141-151., @2016

1786. Paun G, Neagu E, Albu C, Radu GL (2016) *Verbascum phlomoides* and *Solidago virgaurea* herbs as natural source for preventing neurodegenerative diseases. Journal of Herbal Medicine, 6 (4). 180–186, @2016

487. Georgiev, M . I., Ludwig-Muller, J., **Alipieva, K.**, Lippert, A.. Sonication-assisted *Agrobacterium rhizogenes*-mediated transformation of *Verbascum xanthophoeniceum* Griseb. for bioactive metabolite accumulation.. Plant Cell Reports, 30, 2011, 859-866. ISI IF:2.274

Цумура се в:

1787. Ibañez, S., Talano, M., Ontañón, O., Suman, J., Medina, M.I., Macek, T., Agostini, E. Transgenic plants and hairy roots: exploiting the potential of plant species to remediate contaminants. New Biotechnology, 33 (5), 625-635., @2016

1788. Kayani, W.K. , Palazòn, J. , Cusidò, R.M. , Mirza, B. The effect of rol genes on phytoecdysteroid biosynthesis in *Ajuga bracteosa* differs between transgenic plants and hairy roots. RSC Advances, 6 (27), 22700-22708., @2016

488. Smet, L., Dimitrov, I., Debyser, G., **Dolashka-Angelova, P., Dolashki, A.**, Beeumen, J., Devreese, B.. The cDNA sequence of three hemocyanin subunits from the garden snail *Helix lucorum*. Gene, 487, 2, 2011, 118-128. SJR:0.9, ISI IF:2.341

Цумура се в:

1789. Comparison of *Haliotis rubra* hemocyanin isoforms 1 and 2., @2016

489. **Konakchiev, A., Todorova, M., Mikhova, B.,** Vitkova, A., Najdenski, H.. Composition and Biological Activity of *Achillea distans* W. et K. Essential Oil.. Natural Product Communication, 5, 3, 2011, 905-906. ISI IF:0.98

Цумура се в:

1790. Nekoei, M., Mohammadhosseini, M. 2016. Chemical Compositions of the Essential Oils from the Aerial Parts of *Achillea wilhelmsii* Using Traditional Hydrodistillation, Microwave Assisted Hydrodistillation and Solvent-Free Microwave Extraction Methods: Comparison with the Volatile Compounds Obtained by Headspace Solid-Phase Microextraction. Journal of Essential oil Bearing Plants, 19(1): 59-75., @2016

1791. Tatar, Ö., Konakchiev, A., Tsonev, T., (...), Vitkova, A., Edreva, A. Plant-soil Water Status-induced Changes in Physiological and Biochemical Properties of Yarrow, Journal of Essential Oil-Bearing Plants, 19 (7), pp. 1776-1787, @2016

490. **Mantareva, V., Angelov, I.,** Kussovski, V., Dimitrov, R., Lapok, L., Wohrle, D.. Photodynamic efficiency of water-soluble Si(IV) and Ge(IV) phthalocyanines towards *Candida albicans* planktonic and biofilm cultures.. Eur. J. Med. Chem., 46, ELSEVIER, 2011, ISSN:0223-5234, DOI:10.1016/j.ejmech.2011.07.015, 4430-4440. ISI IF:3.447

Цумура се в:

1792. Janusz M. Dąbrowski, Barbara Pucelik, Anna Regiel-Futyra, Małgorzata Brindell, Olga Mazuryk, Agnieszka Kyzioł, Grażyna Stochel, Wojciech Macyk, Luis G. Arnaut, Engineering of relevant photodynamic processes through structural modifications of metallotetrapyrrolic photosensitizers, Coordination Chemistry Reviews, <http://dx.doi.org/doi:10.1016/j.ccr.2016.06.007>, @2016

491. **Mantareva, V.,** Kussovski, V., **Angelov, I.,** Wohrle, D., Dimitrov, R., Popova, E., Dimitrov, S.. Non-aggregated Ga(III)-phthalocyanines: synthesis and photodynamic effect on pathogenic microorganisms planktonic and biofilms cultures. Photochem. Photobiol. Sci., 10, 1, RSC Publishing, 2011, ISSN:1074-905x (print), DOI:10.1039/B9PP00154A, 92-102. ISI IF:2.267

Цумура се в:

1793. Janusz M. Dąbrowski, Barbara Pucelik, Anna Regiel-Futyra, Małgorzata Brindell, Olga Mazuryk, Agnieszka Kyzioł, Grażyna Stochel, Wojciech Macyk, Luis G. Arnaut, Engineering of relevant photodynamic processes through structural modifications of metallotetrapyrrolic photosensitizers, Coordination Chemistry Reviews, <http://dx.doi.org/doi:10.1016/j.ccr.2016.06.007>, @2016

1794. Carmello, J.C., Alves, F., Ribeiro, A.P.D., (...), Mima, E.G., Pavarina, A.C., In vivo photodynamic inactivation of *Candida albicans* using chloro-aluminum phthalocyanine., 2016, Oral Diseases, 22(5), pp.415-422., @2016

1795. Bi-Yuan Zheng, Mei-Rong Ke, Wen-Liang Lan, Lu Hou, Jun Guoa, Dong-Hua Wan, Ling-Zhi Cheong, Jian-Dong Huang, Mono- and tetra-substituted zinc(II) phthalocyanines containing morpholinyl moieties: Synthesis, antifungal photodynamic activities, and structure-activity relationships, *Eur. J. Med. Chem.*, 114(23), 2016, 380-389, @2016

492. Dobrikov, G.H., **Dobrikov, G.M.**, Aleksandrova, M.. Synthesis and electronic spectra of new low-molecular weight compounds with possible application in electroluminescent layers. *Central European Journal of Chemistry*, 9, 6, Springer, 2011, ISSN:18951066, DOI:10.2478/s11532-011-0098-3, 1126-1132. SJR:0.326, ISI IF:1.091

Цумура се в:

1796. Zhang, L., Su, F., Kong, X., Lee, F., Sher, S., Day, K., Tian, Y. and Meldrum, D.R., 1, 8-Naphthalimide Derivative Dyes with Large Stokes Shifts for Targeting Live-Cell Mitochondria, *ChemBioChem*, 2016, Volume 17, Pages 1719 – 1724, @2016

493. Ivanova, A., **Mikhova, B. P.**, Batsalova, Ts., Dzhambazov, B., Kostova, I.. New Furostanol Saponins from *Smilax aspera* L. and their in vitro cytotoxicity. *Fitoterapia*, 82, Elsevier, 2011, ISSN:0367-326X, DOI:10.1016/j.fitote.2010.10.012, 282-287. ISI IF:2.466

Цумура се в:

1797. Ghédira, K., Goetz, P. Salsepareille: *Smilax sarsaparilla* L. (syn. *Smilax aspera* L.) [Smilacaceae], @2016

1798. Liang, F., He, J.-W., Zhu, G.-H., Liu, R.-H., Shu, J.-C., Shao, F., Huang, H.-L. New steroidal saponins with cytotoxic activities from *Smilax trinervula*, @2016

494. Angelova, P., Kuchukova, N., **Dobrikov, G.M.**, Timtcheva, I., **Kostova, K.**, Petkova, I., Vauthey, E.. Fluorescent monolayer protected gold nanoparticles - Preparation and structure elucidation. *Journal of Molecular Structure*, 993, 1-3, Elsevier, 2011, ISSN:00222860, DOI:10.1016/j.molstruc.2010.12.019, 185-192. SJR:0.405, ISI IF:1.571

Цумура се в:

1799. Dangelov, M., Yordanova, S., Stoyanova, M., Cheshmedzhieva, D., Petrov, P., Stoyanov, S., 3, 4-Diamino naphthalimides and their respective imidazoles – Synthesis, spectroscopic and theoretical investigation. *Journal of Molecular Structure*, 2016, Volume 1125, Pages 705-713, @2016

1800. Huo-Hui Gong, Dinesh Addla, Jing-Song Lv and Cheng-He Zhou, Heterocyclic Naphthalimides as New Skeleton Structure of Compounds with Increasingly Expanding Relational Medicinal Applications, *Current Topics in Medicinal Chemistry*, 2016, Volume 16, Pages 3303-3364, @2016

495. Georgiev, M. I., Ali, K., **Alipieva, K.**, Verpoorte, R., Choi, Y. H.. Metabolic differentiations and classification of *Verbascum* species by NMR-based metabolomics.. *Phytochemistry*, 72, 2011, 2045-2051. ISI IF:3.351

Цумура се в:

1801. Han, J. , Lu, C., Li, Y., Deng, Z., Fu, B., Geng, Z. Discrimination of rapeseeds (*Brassica napus* L.) based on the content of erucic acid by ¹H NMR. *European Food Research and Technology*, 242 (3), 441-447., @2016

1802. Jia, J.-P., Zhang, F.-S., Li, Z.-Y., Ma, K.-Q., Luo, H., Zhang, L.-W. Effect of deactivation of enzymes on chemical composition of *Forsythiae Fructus* using ¹H-NMR-based metabolomics approach. *Chinese Traditional and Herbal Drugs*, 47 (8), 1375-1381., @2016

- 1803.** Boğa, M. , Ertaş, A., Yılmaz, M.A., Kızıl, M., Çeken, B., Haşimi, N., Özden, T.Y., Demirci, S., Yener, İ., Deveci, Ö. UHPLC-ESI-MS/MS and GC-MS analyses on phenolic, fatty acid and essential oil of verbascum pinetorum with antioxidant, anticholinesterase, antimicrobial and DNA damage protection effects. Iranian Journal of Pharmaceutical Research., 15 (3), 393-405., @2016
- 1804.** Estrada-Zúñiga, M.E. , Aarland, R.C., Rivera-Cabrera, F., Bernabé-Antonio, A., Buendía-González, L., Cruz-Sosa, F. Micropropagation of Buddleja cordata and the content of verbascoside and total phenols with antioxidant activity of the regenerated plantlets. Revista Mexicana de Ingeniera Quimica, 15 (2), 333-346., @2016
- 1805.** Kumar, D. Nuclear Magnetic Resonance (NMR) Spectroscopy For Metabolic Profiling of Medicinal Plants and Their Products. Critical Reviews in Analytical Chemistry, 46 (5), 400-412., @2016
- 1806.** Mihailović, V., Kreft, S., Benković, E.T., Ivanović, N., Stanković, M.S. Chemical profile, antioxidant activity and stability in stimulated gastrointestinal tract model system of three Verbascum species. Industrial Crops and Products, 89, 141, 151., @2016
- 1807.** Abdul-Hamid, N.A., Mediani, A., Maulidiani, M., Abas, F., Ismail, I.S., Shaari, K., Lajis, N.H. Discrimination and nitric oxide inhibitory activity correlation of Ajwa dates from different grades and origin. Molecules, 21 (11), Article number 1423, @2016
- 496. Dolashka, P., Velkova, L., Iliev, I., Beck, A., Dolashki, A., Yossifova, L., Toshkova, R., Voelter, W., Zacharieva, S..** Antitumor activity of glycosylated molluscan hemocyanins via Guerin ascites tumor. Immunological Investigations, 40, 2, 2011, ISSN:08820139, 130-149. SJR:0.633, ISI IF:1.164
- Цумура се в:
- 1808.** Drug, bio-affecting and body treating compositions extract, body fluid, or cellular material of undetermined constitution derived from animal is active ingredient derived from arthropod (e.g., insect, spider, crustacea, etc.), @2016
- 1809.** Methods of treatment viral diseases, @2016
- 497. Dolashka, P., Moshtanska, V., Borisova, V., Dolashki, A., Stevanovic, S., Dimanov, T., Voelter, W..** Antimicrobial proline-rich peptides from the hemolymph of marine snail Rapana venosa. Peptides, 32, 7, 2011, ISSN:01969781, 1477-1483. SJR:0.826, ISI IF:2.434
- Цумура се в:
- 1810.** Abalone hemocyanin blocks the entry of herpes simplex virus 1 into cells: A potential new antiviral strategy ., @2016
- 1811.** Cation metals specific hemocyanin exhibits differential antibacterial property in mud crab, Scylla serrata., @2016
- 1812.** Comprehensive and Quantitative Proteomic Analysis of Metamorphosis-Related Proteins in the Veined Rapa Whelk, Rapana venosa Intern., @2016
- 1813.** Immunological properties of oxygen-transport proteins: hemoglobin, hemocyanin and hemerythrin., @2016
- 1814.** Biological Activities of Ethanolic Extract of Tissue and Egg Mass from Cardisoma carnifex against Human Clinical Pathogens., @2016
- 498. Todorova, M., Trendafilova, A., Danova, K., Dimitrov, D..** Phytochemical study of Anthemis rumelica (Velen.) Stoj. & Acht.. Biochemical Systematics and Ecology, 39, 4-6, Eksevier, 2011, ISSN:0305-1978, DOI:10.1016/j.bse.2011.06.003, 868-871. SJR:0.441, ISI IF:0.931

Цумура се в:

1815. Ciccarelli, D., Giovanelli, S., Pistelli, L.. Essential Oils from *Anthemis maritima* Flowers: Intraspecific Variability along the Adriatic Coast (Italy) (2016) *Chemistry and Biodiversity*, 13 (5), pp. 561-570, @2016

499. Shestakova, P., Willem, R., Vassileva, E.. Elucidation of the chemical and morphological structure of double-network (DN) hydrogels by high-resolution magic angle spinning (HRMAS) NMR spectroscopy. *Chemistry - A European Journal*, 17, 52, WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim, 2011, ISSN:1521-3765, DOI:10.1002/chem.201101334, 14867-14877. ISI IF:5.731

Цумура се в:

1816. Stewart, S.A., Backholm, M., Burke, N.A.D., Stöver, H.D.H. Cross-Linked Hydrogels Formed through Diels-Alder Coupling of Furan- and Maleimide-Modified Poly(methyl vinyl ether- alt - maleic acid). *Langmuir*, 32 (7), 1863-1870, (2016)., @2016

1817. Wang, J., Liu, B., Ru, G., Bai, J., Feng, J. Effect of Urea on Phase Transition of Poly(N-isopropylacrylamide) and Poly(N, N-diethylacrylamide) Hydrogels: A Clue for Urea-Induced Denaturation. *Macromolecules*, 49 (1), 234-243, (2016)., @2016

500. Staneva, J., **Denkova, P., Todorova, M.**, Evstatieva, L.. Quantitative analysis of sesquiterpene lactones in extract of *Arnica montana* L. by ¹H NMR spectroscopy. *Journal of Pharmaceutical and Biomedical Analysis*, 54, 1, Elsevier, 2011, ISSN:0731-7085, DOI:10.1016/j.jpba.2010.08.018, 94-99. ISI IF:2.979

Цумура се в:

1818. Choudhary, A., Sharma, R.J., Singh, I.P. Determination of Major Sesquiterpene Lactones in Essential Oil of *Inula racemosa* and *Saussurea lappa* Using qNMR, *Journal of Essential Oil-Bearing Plants*, 19 (1), pp. 20-31, @2016

1819. Sharma, S., Arif, M., Nirala, R.K., Gupta, R., Thakur, S.C. Cumulative therapeutic effects of phytochemicals in *Arnica montana* flower extract alleviated collagen-induced arthritis: Inhibition of both pro-inflammatory mediators and oxidative stress, *Journal of the Science of Food and Agriculture*, 96 (5), pp. 1500-1510, @2016

1820. Mamadalieva, N.Z., Bobakulov, K.M., Vinciguerra, V., (...), Azimova, S.S., Sarker, S.D. GC-MS and q-NMR based chemotaxonomic evaluation of two *Leonurus* species, *Phytochemical Analysis*, pp. 284-289, @2016

1821. Chirumbolo, S., Bjørklund, G. Commentary: *Arnica montana* effects on gene expression in a human macrophage cell line: Evaluation by quantitative real-time PCR, *Frontiers in Immunology*, 7 (SEP), 280, @2016

1822. Marzotto, M., Bonafini, C., Oliosio, D., (...), Galbiati, E., Bellavite, P. *Arnica montana* stimulates extracellular matrix gene expression in a macrophage cell line differentiated to wound-healing phenotype, *PLoS ONE*, 11 (11), e0166340, @2016

501. **Gancheva M., Dimitrov M., Zhiryakova D.** Novel nanostructured tin dioxide as promising carrier for *Candida rugosa* lipase.. *Process Biochemistry*, 46, Elsevier, 2011, ISSN:1359-5113, DOI:doi:10.1016/j.procbio.2011.08.020, 2170-2177. SJR:1.44, ISI IF:3.04

Цумура се в:

1823. Mahto, T.K., Chowdhuri, A.R., Sahoo, B., Sahu, S.K., Polyaniline-functionalized magnetic mesoporous nanocomposite: A smart material for the immobilization of lipase, (2016), *Polymer Composites*, 37 (4), pp. 1152-1160, @2016

1824. Cipolatti, E.P., Valério, A., Henriques, R.O., Moritz, D.E., Ninow, J.L., Freire, D.M.G.,

Manoel, E.A., Fernandez-Lafuente, R., De Oliveira, D., Nanomaterials for biocatalyst immobilization-state of the art and future trends, (2016), RSC Advances, Volume 6, Issue 106, 2016, Pages 104675-104692, @2016

502. Christova, N., Tuleva, B., Cohen, R., Ivanova, G., Stoev, G., Stoilova-Disheva, M., **Stoineva, I.** Chemical Characterization and Physical and Biological Activities of Rhamnolipids Produced by *Pseudomonas aeruginosa* BN10. Zeitschrift fur Naturforschung - Section C Journal of Biosciences, 66, 2, Verlag der Zeitschrift fur Naturforschung, 2011, DOI:10.1016/S0014-5793(02)03273-8, 394-402. SJR:0.905

Цумура се в:

1825. Gogoi, D., Bhagowati, P., Gogoi, P., Bordoloi, N. K., Rafay, A., Dolui, S. K., & Mukherjee, A. K. Structural and physico-chemical characterization of a dirhamnolipid biosurfactant purified from *Pseudomonas aeruginosa*: application of crude biosurfactant in enhanced oil recovery, RSC Advances, 6(74), 70669-70681., @2016
1826. Tiso, T., Germer, A., Küpper, B., Wichmann, R., & Blank, L., Methods for recombinant rhamnolipid production. Hydrocarbon and Lipid Microbiology Protocols. doi, 10, 1007., @2016

503. **Guncheva M.**, Tashev E., Zhiryakova D., Tosheva T., Tzokova N.. Immobilization of Lipase from *Candida rugosa* on Novel Phosphorous-containing Polyurethanes: Application in Wax Ester Synthesis. Process Biochemistry, 46, Elsevier, 2011, ISSN:1359-5113, 923-930. SJR:1.44, ISI IF:3.04

Цумура се в:

1827. Nyari N. L. D., Fernandes I. A., Bustamante-Vargas C. E., Steffens C., de Oliveira D., Zeni J., Rigo E., Dallago R. M. In situ immobilization of *Candida antarctica* B lipase in polyurethane foam support. J. Mol.Catal. B: Enzym. (2016) 124, 52 - 61., @2016
1828. Kumar A., Dhar K., Kanwar S. S., Arora P. K., Lipase catalysis in organic solvents: advantages and applications, Biological Procedures Online, (2016)18:2, @2016
1829. Nyari N.L., Paulazzi A.R., Zamadei R.V., Ficanha A.M.M., Antunes A., Levandoski K., Zeni J., Dallago R.M. OTIMIZAÇÃO DO PROCESSO DE PRODUÇÃO DE OLEATO DE ETILA VIA CATALISE ENZIMÁTICA IMOBILIZADA EM SITU EM POLIURETANO EM SISTEMA LIVRE DE SOLVENTE XI Congresso Brasileiro de EngenhariaQuimica em Iniciação Científica Unicamp - Campinas - SP, 19 a 22 de julho de 2015., @2016

504. **Popova, M., Trusheva, B., Antonova, D.**, Cutajar, S., Mifsud, D., Farrugia, C., Tsvetkova, I., Najdenski, H., **Bankova, V.** The specific chemical profile of Mediterranean propolis from Malta. Food Chemistry, 126, 2011, 1431-1435. ISI IF:3.655

Цумура се в:

1830. Maraschin, M., Somensi-Zeggio, A., Oliveira, S. K., Kuhnen, S., Tomazzoli, M. M., Raguzzoni, J. C., Zeri, A. C. M., Carreira, R., Correia, S., Costa, C., Rocha, M. "Metabolic profiling and classification of propolis samples from Southern Brazil: an NMR-based platform coupled with machine learning", J Nat Prod 79(1), 13-23 (2016)., @2016
1831. Al-Ghamdi, A. A., Bayaqoob, N. I. M., Rushdi, A. I., Alattal, Y., Simoneit, B. R. T., El-Mubarak, A. H., Al-Mutlaq, K. F. "Chemical compositions and characteristics of organic compounds in propolis from Yemen", Saudi Journal of Biological Sciences (2016), doi: <http://dx.doi.org/10.1016/j.sjbs.2016.12.012>, @2016
1832. Rizzolo, A., Bianchi, G., Povolito, M., Migliori, C. A., Contarini, G., Pelizzola, V., Cattaneo, T. M. P. "Volatile compound composition and antioxidant activity of cooked ham slices packed in

propolis-based active packaging”, Food Packaging and Shelf Life 8, 41–49 (2016)., @2016

1833. Isidorov, V. A., Bakier, S., Pirożnikow, E., Zambrzycka, M., Swiecicka, I. “Selective Behaviour of Honeybees in Acquiring European Propolis Plant Precursors”, J Chem Ecol 42(6), 475–485 (2016)., @2016
1834. Rebaza, R., Amaya, L., Gutiérrez, A., Haro, R., Tumbajulca, M., Valera, F., Vargas, Y., Barraza-Jauregui, G., Vargas, J. M. L., Sánchez-González, J. A. “Propolis application on active packaging”, Agroind Sci 6(2), 239-252, @2016
505. **Guncheva M.**, Zhiryakova D.. Catalytic properties and potential applications of Bacillus lipases. Journal of Molecular Catalysis B: Enzymatic, 68, 1, Elsevier, 2011, ISSN:1381-1177, 1-21. SJR:0.711, ISI IF:2.594

Цумура се в:

1835. Shi, Ying; Liu, Wei; Tao, Qing-Lan; Jiang, Xiao-Ping; Liu, Cai-Hong; Zeng, Sha; Zhang, Ye-Wang Immobilization of Lipase by Adsorption Onto Magnetic Nanoparticles in Organic Solvents Journal of Nanoscience and Nanotechnology, Volume 16, Number 1, January 2016, pp. 601-607(7), @2016
1836. Kumar A., Dhar K., Kanwar S. S., Arora P. K., Lipase catalysis in organic solvents: advantages and applications, Biological Procedures Online, 2016, 18:2;, @2016
1837. Masomian M., Rahman RNZRA, Salleh AB, Basri M., Analysis of Comparative Sequence and Genomic Data to Verify Phylogenetic Relationship and Explore a New Subfamily of Bacterial Lipases PLoS ONE (2016) 11 (3) e014851, @2016
1838. Yukselen O., Timucin E., Sezerman U. Predicting the impact of mutations on the specific activity of Bacillus thermocatenulatus lipase using a combined approach of docking and molecular dynamics, Journal of Molecular Recognition (2016) 466 - 475., @2016
1839. Tang Q, Popowicz G., Wang X., Liu J., Pavlidis I., Wang Y. Lipase-Driven Epoxidation Is A Two-Stage Synergistic Process Chemistry Select (2016) 1(4) 836–839., @2016
1840. Kaur G., Singh A., Sharma R., Sharma V., Verma S., Sharma P.K. Cloning, expression, purification and characterization of lipase from Bacillus licheniformis, isolated from hot spring of Himachal Pradesh, India 3 Biotech December 2016, 6:49, @2016
1841. Zhang, C., Zhang, L., Zhang, Y., Huang, H., Hu, Y. Study on the stability and enzymatic property improvement of porcine pancreas lipase modified by ionic liquids using molecular simulation Acta Chimica Sinica (2016) 74 (1) 74 -80., @2016
1842. Mahto, T.K., Chowdhuri, A.R., Sahoo, B., Sahu, S.K. Polyaniline-functionalized magnetic mesoporous nanocomposite: A smart material for the immobilization of lipase Polymer Composites (2016) 37 (4) 1152 - 1160., @2016
1843. Vakhid A. Mamedov, Chapter “Synthesis of Quinoxalines” in Quinoxalines, 2016; pp5-133, Springer International Publishing Switzerland DOI: 10.1007/978-3-319-29773-6_2, @2016
1844. Chen C., Zhu X., Gao Q., Fang F., Wang L., Huang X. Immobilization of lipase onto functional cyclomatrix polyphosphazene microspheres Journal of Molecular Catalysis B: Enzymatic Volume 132, October 2016, Pages 67–74, @2016
1845. A. F.de Almeida, K. B. Dias, A. C. C. da Silva, C. R. F. Terrasan, S. M. Tauk-Tornisielo, E. C.Carmona Agroindustrial Wastes as Alternative for Lipase Production by Candida viswanathii under Solid-State Cultivation: Purification, Biochemical Properties, and Its Potential for Poultry Fat Hydrolysis Hindawi Publishing Corporation, Enzyme Research Volume 2016, Article ID 1353497, 15 pages <http://dx.doi.org/10.1155/2016/1353497>, @2016

1846. A. Gricajeva, V. Bendikiene, L. Kalediene Lipase of *Bacillus stratosphericus* L1: Cloning, expression and characterization International Journal of Biological Macromolecules Volume 92, November 2016, Pages 96–104, @2016
1847. F. de Sousa, E. Fraga de Souza, S. da Costa Terzi, A.I. S. Brígida, L. M. F. Gottschalk, E. das Mêrces Penha Caracterização das lipases obtidas por duas cepas de *Aspergillus niger* XII Seminário Brasileiro de Tecnologia Enzimática ENZITEC 2016 (<https://www.ucs.br/site/midia/arquivos/4579-enzitec2016.pdf>), @2016
1848. Savustyanenko A.V. МЕХАНИЗМЫ ДЕЙСТВИЯ ПРОБИОТИКОВ НА ОСНОВЕ *BACILLUS SUBTILIS* На допомогу практикуючому лікарю To Help Practitioner, Актуальна інфектологія, (2016) 2(11) 35 - 44., @2016
1849. Lestari, P., Raharjo, T.J., Matsjeh, S., Haryadi, W. Partial purification and biochemical characterization of extracellular lipase from *Azospirillum* sp. JG3 bacteria AIP Conference Proceedings (2016) 1755, 080003, @2016
1850. Mamedov, V.A. Quinoxalines: Synthesis, reactions, mechanisms and structure (Book) (2016) pp1-437, @2016

506. Borisova, E., Bliznakova, I., **Mantareva, V., Angelov I.,** Avramov L.. Photodiagnosis and Photodynamic Therapy of Cutaneous Melanoma.. In: Current Management of Malignant Melanoma. Editor:Ming Y. Cao, InTech; Croatia, 2011, 16

Цитира се в:

1851. Victoria Monge-Fuentes, Luis Alexandre Muehlmann, João Paulo Figueiró Longo at all ., Photodynamic therapy mediated by acai oil (*Euterpe oleracea* Martius) in nanoemulsion: A potential treatment for melanoma, Journal of Photochemistry & Photobiology , B: Biology, doi: 10.1016/j.jphotobiol.2016.12.002 Reference: JPB 10666, @2016

507. Denev, R.V., Kuzmanova, Iv.S., **Momchilova, Sv.M., Nikolova-Damyanova, B.M.** Resolution and quantification of isomeric fatty acids by silver ion HPLC: fatty acid composition of aniseed oil (*Pimpinella anisum*, Apiaceae). Journal of AOAC International, 94, 1, AOAC International, 2011, ISSN:1060-3271, 4-8. SJR:0.508, ISI IF:1.199

Цитира се в:

1852. Czajkowska-Myslek, A., Siekierko, U., Gajewska, M., Application of Silver Ion High-Performance Liquid Chromatography for Quantitative Analysis of Selected n-3 and n-6 PUFA in Oil Supplements, Lipids, 2016, Volume 51 (4), Pages 413-421, @2016

508. **Stefanova, M.,** Ivanov, D., Utescher, T.. Geochemical appraisal of palaeovegetation and climate oscillation in the Late Miocene of Western Bulgaria. Organic Geochemistry, 42, 11, Elsevier, 2011, ISSN:0146-6380, DOI:10.1016/j.orggeochem.2011.08.015, 1363-1374. SJR:1.374, ISI IF:3.458

Цитира се в:

1853. Doskočil, L., Enev, V., Pekař, M., & Wasserbauer, J. (2016). The spectrometric characterization of lipids extracted from lignite samples from various coal basins. Organic Geochemistry, 95, 34-40., @2016
1854. Doskočil, L., Enev, V., Pekař, M., & Wasserbauer, J. (2016). The spectrometric characterization of lipids extracted from lignite samples from various coal basins. Organic Geochemistry, 95, 34-40., @2016

509. Stancheva, N., Weber, J., Schulze, J., **Alipieva, K.,** Ludwig-Muller, J., Haas, C., Georgiev, V., Bley, T., Georgiev, M.. Phytochemical and flow cytometric analyses of Devil's claw cell cultures. Plant Cell,

Цумура се в:

- 1855.** Grabkowska, R., Matkowski, A., Grzegorzczak-Karolak, I., Wysokińska, H. Callus cultures of *Harpagophytum procumbens* (Burch.) DC. ex Meisn.; production of secondary metabolites and antioxidant activity . South African Journal of Botany, 103, 41-48., @2016

2012

- 510. Popova, M.,** Szegedi, A., Kolev, I.N., Mihály, J., Tzankov, B.S., Momekov, G.T., Lambov, N.G., Yoncheva, K.P.. Carboxylic modified spherical mesoporous silicas s drug delivery carriers. International Journal of Pharmaceutics, 436, 1-2, Elsevier, 2012, ISSN:0378-5173, 778-785. ISI IF:3.458

Цумура се в:

- 1856.** Zakeri Siavashani, A., Haghbin Nazarpak, M., Fayyazbakhsh, F., Toliyat, T., McInnes, S.J.P., Solati-Hashjin, M., Effect of amino-functionalization on insulin delivery and cell viability for two types of silica mesoporous structures , Journal of Materials Science, 51 (24), pp. 10897-10909, @2016, @2016
- 1857.** Mathew, A., Parambadath, S., Barnabas, M.J., Song, H.J., Kim, J.-S., Park, S.S., Ha, C.-S., Rhodamine 6G assisted adsorption of metanil yellow over succinamic acid functionalized MCM-41, Dyes and Pigments, 131, pp. 177-185, @2016, @2016
- 1858.** Patel, A. , Solanki, P., 12-Tungstophosphoric acid functionalized MCM-41: synthesis, characterization and study of controlled in vitro release of l-arginine , Journal of Porous Materials, 23(4), pp. 1113-1123, @2016, @2016
- 1859.** Ayad, M.M., Salahuddin, N.A., El-Nasr, A.A., Torad, N.L, Amine-functionalized mesoporous silica KIT-6 as a controlled release drug delivery carrier, Microporous and Mesoporous Materials, 229, pp. 166-177, @2016, @2016
- 1860.** Parambadath, S., Mathew, A., Barnabas, M.J., Rao, K.M., Ha, C.-S., Periodic mesoporous organosilica (PMO) containing bridged succinamic acid groups as a nanocarrier for sulfamerazine, sulfadiazine and famotidine: Adsorption and release study , Microporous and Mesoporous Materials, 225, pp. 174-184, @2016, @2016
- 1861.** Song, W., Gong, J., Wang, Y., Zhang, Y., Zhang, H., Zhang, W., Zhang, H., Liu, X., Zhang, T., Yin, W., Yang, W., Gold nanoflowers with mesoporous silica as “nanocarriers” for drug release and photothermal therapy in the treatment of oral cancer using near-infrared (NIR) laser light , Journal of Nanoparticle Research, 18 (4), Article number 101, @2016, @2016
- 1862.** Volume 51, Issue 3, 1 February 2016, Pages 1382-1391 Tamayo, A., Ruiz-Caro, R., Mazo, A., Veiga-Ochoa, M.D., Rubio, J., Chemical oxidation of silicon oxycarbide ceramics for advanced drug delivery systems , Journal of Materials Science, 51 (3), pp. 11382-1391, @2016, @2016
- 1863.** Maleki, A., Hamidi, M. , Dissolution enhancement of a model poorly water-soluble drug, atorvastatin, with ordered mesoporous silica: Comparison of MSF with SBA-15 as drug carriers, Expert Opinion on Drug Delivery, 13 (2), pp. 171-181, @2016, @2016
- 1864.** Beltrán-Osuna, Á.A., Perilla, J.E, Colloidal and spherical mesoporous silica particles: synthesis and new technologies for delivery applications, Journal of Sol-Gel Science and Technology, 77 (2), pp. 480-496, @2016, @2016

- 511. Georgiev, Y., Ognyanov, M., Yanakieva, I., Kussovski, V., Kratchanova, M..** Isolation,

characterization and modification of citrus pectins. Journal of BioScience and Biotechnology, 1, 3, PLOVDIV UNIVERSITY PRESS "PAISII HILENDARSKI", 2012, ISSN:1314-6238, 223-233

Цумупа се в:

- 1865.** Kyomugasho, C., S. Christiaens, D. Van de Walle, A. M. Van Loey, K. Dewettinck, M. E. Hendrickx. Evaluation of cation-facilitated pectin-gel properties: Cryo-SEM visualisation and rheological properties. Food Hydrocolloids, 61 (2016) 172–182., @2016
- 1866.** Siddiqui, N. H., I. Azhar, F. Saleem & Z. A. Mahmood. Influence of type of inorganic acid on yield of pectin from different fruit peels and effect on sensory attribute of pudding made with extracted pectin. World Journal of Pharmacy & Pharmaceutical Sciences, 5 (2016) 235-245., @2016
- 1867.** Mukhim, C., A. Nath, T. L. Swer, B. Ghosh. Changes in pectin and total chlorophyll content assam lemon (Citrus limon Burm.) peelduring fruit growth and development. Environment & Ecology, 34 (4A): 2016, 1477-1479., @2016
- 1868.** Mohamed, H. Extraction and Characterization of Pectin from Grapefruit Peels. MOJ Food process Technol 2016, 2(1): 0002, DOI: 10.15406/mojfpt.2016.02.00029, @2016
- 512. Danova, K., Nikolova-Damianova, B., Denev, R., Markovska, Y..** Impact of pre-culture on short- and long-term in vitro recovery of the biosynthetic potential and enzymatic and non-enzymatic antioxidant defense of Hypericum rumeliacum Boiss. after cryostorage.. Plant Growth Regulation, 68, 3, Springer, 2012, ISSN:Print ISSN 0167-6903, DOI:10.1007/s10725-012-9733-z, 447-457. SJR:0.858, ISI IF:1.67

Цумупа се в:

- 1869.** Bruňáková, K. , Čellárová, E. (2016) Conservation strategies in the genus Hypericum via cryogenic treatment. Frontiers in Plant Science. Volume 7, Issue APR2016, 27 April 2016, Article number 558, @2016
- 513. Momchilova, Sv., Nikolova-Damyanova, B..** Advances in silver ion chromatography for the analysis of fatty acids and triacylglycerols - 2001 to 2011. Analytical Sciences, 28, The Japan Society for Analytical Chemistry, 2012, ISSN:1348-2246, 837-844. SJR:0.536, ISI IF:1.569

Цумупа се в:

- 1870.** McWilliams, K.M., Angelici, R.J., Batchwise extraction of methyl linolenate (18:3, ALA) from fatty acid methyl esters derived from soybean and canola oils using silver nitrate/silica gel, European Journal of Lipid Science and Technology, 2016, Volume 118 (2), Pages 252-261, @2016
- 1871.** Czajkowska-Myslek, ·A., Siekierko, U., Gajewska, M., Application of Silver Ion High-Performance Liquid Chromatography for Quantitative Analysis of Selected n-3 and n-6 PUFA in Oil Supplements, Lipids, 2016, Volume 51 (4), Pages 413-421, @2016
- 1872.** Li, X., Zhang, X., Yang, Q., Bao, Z., Ren, Q., Zhang, Z., Xing, H., Yang, Y., Separation of highly unsaturated fatty acid methyl esters from model bio-oils with ionic liquid-cosolvent as extractants, RSC Advances, 2016, Volume 6 (65), Pages 60709-60716, @2016
- 1873.** Lefsay, A.M., Development of Liquid Chromatographic and Mass Spectrometric Methods for the Identification of Chlorinated Triacylglycerols in Natural Oils, PhD Thesis, Dalhousie University, Halifax, Nova Scotia, Canada (2016), @2016
- 1874.** Mander, L.N., Williams, C.M., Chromatography with Silver Nitrate: Part 2, Tetrahedron, 2016, Volume 72 (9), Pages 1133-1150, @2016

514. Marekov, I., **Momchilova, Sv.**, Grung, B., **Nikolova-Damyanova, B.**. Fatty acid composition of wild mushroom species of order Agaricales - Examination by gas chromatography-mass spectrometry and chemometrics. Journal of Chromatography B, 910, Elsevier, 2012, ISSN:1570-0232, 54-60. SJR:0.97, ISI IF:2.846

Цумура се в:

1875. Li, Y., Zhang, J., Li, T., Yang, T., Wang, Y., Liu, H., Ultraviolet Spectroscopy Used to Fingerprint Five Wild-Grown Edible Mushrooms (Boletaceae) Collected from Yunnan, China, Journal of Spectroscopy, 2016, Volume 2016, Pages 1-8, Article ID 7813405, @2016
1876. Karunarathna, S., Chen, J., Mortimer, P.E., Hyde, K.D., A review of genus Agaricus in tropical and humid subtropical regions of Asia, Mycosphere, 2016, Volume 7 (4), Pages 417-439, @2016
1877. Tsivileva, O., Nguyen, T., Vu, L., Yurasov, N., Chernyshova, M., Petrov, A., Galushka, V., Markin, A., Koftin, O., Vietnamese Ganoderma: growth, peculiarities, low-molecular composition compared to European and Siberian strains, Turkish Journal of Botany, 2016, Volume 40 (3), Pages 269-286, @2016
515. Szegedi, A., **Popova, M.**, **Goshev, I.**, Klébert, S., Mihály, J.. Controlled drug release on amine functionalized spherical MCM-41. Journal of Solid State Chemistry, 194, Elsevier, 2012, ISSN:0022-4596, 257-263. ISI IF:2.04

Цумура се в:

1878. Bacsik, Z. , Hedin, N., Effects of carbon dioxide captured from ambient air on the infrared spectra of supported amines, Vibrational Spectroscopy, 87, pp. 215-221, @2016, @2016
1879. Zhang, P., Zardán Gómez de la Torre, T., Welch, K., Bergström, C., Strømme, M., Supersaturation of poorly soluble drugs induced by mesoporous magnesium carbonate, European Journal of Pharmaceutical Sciences, 93, pp. 468-474, @2016, @2016
1880. Wang, M., Li, Y., Chen, L., Xu, W., Huang, Z., Gao, L., Zhang, W., Gao, L., Synthesis and Characterization of Rhodamine B Embedded in MCM-41, Synthesis and Reactivity in Inorganic, Metal-Organic and Nano-Metal Chemistry, 46 (9), pp. 1432-1435, @2016, @2016
1881. Beltrán-Osuna, Á.A., Perilla, J.E., Colloidal and spherical mesoporous silica particles: synthesis and new technologies for delivery applications , Journal of Sol-Gel Science and Technology, 77 (2), pp. 480-496, @2016, @2016
1882. Jesus, R.A., Rabelo, A.S., Figueiredo, R.T., Cides Da Silva, L.C., Codentino, I.C., Fantini, M.C.A., Araújo, G.L.B., Araújo, A.A.S., Mesquita, M.E., Synthesis and application of the MCM-41 and SBA-15 as matrices for in vitro efavirenz release study , Journal of Drug Delivery Science and Technology, 31, pp. 153-159, @2016, @2016
1883. Daryasari, M.P., Akhgar, M.R., Mamashli, F., Bigdeli, B., Khoobi, M., Chitosan-folate coated mesoporous silica nanoparticles as a smart and pH-sensitive system for curcumin deliver, RSC Advances, 6 (107), pp. 105578-105588, @2016, @2016
516. Cherneva, E., Pavlovic, V., Smelcerovic, A., **Yancheva, D.**. The Effect of Camphor and Borneol on Rat Thymocytes Viability and Oxidative Stress. Molecules, 17, 2012, 10258-10266. ISI IF:2.416

Цумура се в:

1884. Jia, P., Wang, S., Xiao, C., Yang, L., Chen, Y., Jiang, W., Zheng, X., Zhao, G., Zang, W., Zheng, X., The anti-atherosclerotic effect of tanshinol borneol ester using fecal metabolomics based on liquid chromatography-mass spectrometry, Analyst, 141, 1112-1120., @2016

- 1885.** Garcia, C.S.C., Menti, C., Lambert, A.P.F., Barcellos, T., Moura, S., Calloni, C., Branco, C.S., Salvador, M., Roesch-Ely, M., Henriques, J.A.P., Pharmacological perspectives from brazilian *Salvia officinalis* (Lamiaceae): Antioxidant, and antitumor in mammalian cells, *Anais da Academia Brasileira de Ciencias*, 88, 281-292., @2016
- 1886.** Xu, C., Yepez, G., Wei, Z., Liu, F., Bugarin, A., Hong, Y., Synthesis and characterization of conductive, biodegradable, elastomeric polyurethanes for biomedical applications, *J. Biomed. Mater. Res. A*, 104 (9), pp. 2305-2314., @2016
- 517.** Tsyntsarski, B., Petrova, B., Budinova, T., Petrova, N., Velasco, L. F., Parra, J. B., Conchi Ania, C. O.. Porosity development during steam activation of carbon foams from chemically modified pitch. *Microporous and Mesoporous Materials*, 154, Elsevier, 2012, ISSN:1387-1811, DOI:10.1016/j.micromeso.2011.08.023, 56-61. SJR:1.156, ISI IF:3.552

Цитупа се в:

- 1887.** Arami-Niya, A., Rufford, T.E., Zhu, Z. Nitrogen-Doped Carbon Foams Synthesized from Banana Peel and Zinc Complex Template for Adsorption of CO₂, CH₄, and N₂, *Energy and Fuels*, Vol. 30, No 9, pp. 7298-7308. DOI: 10.1021/acs.energyfuels.6b00971., @2016
- 1888.** Arami-Niya, A., Rufford, T.E., Zhu, Z. Activated carbon monoliths with hierarchical pore structure from tar pitch and coal powder for the adsorption of CO₂, CH₄ and N₂, *Carbon*, 103, pp. 115-124. DOI: 10.1016/j.carbon.2016.02.098., @2016
- 1889.** Pereira, L.S.F., Iop, G.D., Flores, E.M.M., Burrow, R.A., Mello, P.A., Duarte, F.A. Strategies for the determination of trace and toxic elements in pitch: Evaluation of combustion and wet digestion methods for sample preparation, *Fuel*, 163, pp. 175-179. DOI: 10.1016/j.fuel.2015.09.050., @2016
- 518.** Popova, M., Trusheva, B., Cutajar, S., Antonova, D., Mifsud, D., Farrugia, C., Bankova, V.. Identification of the Plant Origin of the Botanical Biomarkers of Mediterranean type Propolis. *Natural Product Communications*, 7, 2012, 569-570. ISI IF:0.956

Цитупа се в:

- 1890.** Anđelković, B., L. Vujisić, I. Vučković, V. Tešević, V. Vajs, D. Godevac. *Journal of Pharmaceutical and Biomedical Analysis* (2016)*
http://dx.doi.org/10.1016/j.jpba.2016.12.003, @2016
- 1891.** Çelemlı, Ö. G., Temizer, İ. K., Zare, G., Sorkun, K. “*Castanea sativa*; a source of Turkish propolis: plant anatomy, palynology and chemistry”, *Hacettepe J Biol Chem* 44(1), 7–14 (2016)., @2016
- 519.** Georgiev, M. I., Alipieva, K., Erdogan, I.. Cholinesterases inhibitory and antioxidant activities of *Harpagophytum procumbens* from in vitro systems. *Phytotherapy Research*, 26, 2012, 313-316. ISI IF:2.068

Цитупа се в:

- 1892.** Schaffer, L.F., de Freitas, C.M. , Chiapinotto Ceretta, A.P., Peroza, L.R., de Moraes Reis, E., Krum, B.N., Busanello, A., Boligon, A.A., Sudati, J.H., Fachineto, R., Wagner, C. *Harpagophytum Procumbens* Ethyl Acetate Fraction Reduces Fluphenazine-Induced Vacuous Chewing Movements and Oxidative Stress in Rat Brain. *Neurochemical Research*, 41 (5), 11-70-1184., @2016
- 1893.** Xue, Z. , Yang, B. Phenylethanoid glycosides: Research advances in their phytochemistry, pharmacological activity and pharmacokinetics . *Molecules*, 21 (8), Article number 21080991., @2016

520. Mihályi, R.M., Kollár, M., Király, P., Karoly, Z., **Mavrodinova, V.** Effect of extra-framework Al formed by successive steaming and acid leaching of zeolite MCM-22 on its structure and catalytic performance. Applied Catalysis A: General, 417-418, Elsevier, 2012, ISSN:0926860X, DOI:10.1016/j.apcata.2011.12.029, 76-86. SJR:1.213, ISI IF:3.977

Цитупа ce в:

1894. Huang, L., Wang, P., Li, J., Wang, J., Fan, W.. Effect of acid leaching and catalytic properties of zeolite [Al, B]-MWW utilized as ethene methylation catalyst, 2016 Microporous and Mesoporous Materials, 223, pp. 230-240, @2016
521. **Ivanov, P.** Conformations of some lower-size large-ring cyclodextrins derived from conformational search with molecular dynamics and principal component analysis. Journal of Molecular Structure, 1009, 1, 2012, 3-10. ISI IF:1.602

Цитупа ce в:

1895. Liu, P., Li, W., Kan, Z., Sun, H., Ma, J. Factor analysis of conformations and NMR signals of rotaxanes: AIMD and polarizable MD simulations, J.Phys.Chem. A, 120(4) (2016) 490-502, @2016
1896. Assaf, K.I. Gabel, D., Zimmermann, W., Nau, W.M., Organic and Biomolecular Chemistry, 14(32) (2016) 7702-7706, @2016
1897. Khuntawee, W., Rungrotmongkol, T., Wolschann, P., (...), Okumura, H., Hannongbua, S. Conformation study of epsilon-cyclodextrin: Replica exchange molecular dynamics simulations, Carbohydrate Polymers, 141(2016) 99-105, @2016
522. **Simeonov, S.P.**, Coelho, J.A.S., Afonso, C.A.M.. An Integrated Approach for the Production and Isolation of 5-Hydroxymethylfurfural from Carbohydrates. ChemSusChem, 5, Wiley, 2012, DOI:10.1002/cssc.201200236, 1388-1391. SJR:2.598, ISI IF:7.657

Цитупа ce в:

1898. K. I. Galkin, E. A. Krivodaeva, L. V. Romashov, S. S. Zalesskiy, V. V. Kachala, J. V. Burykina, V. P. Ananikov, Angewandte Chemie - International Edition, 2016, 55, 8338-8342., @2016
1899. N. Guajardo, C. R. Müller, R. Schrebler, C. Carlesi, P. Domínguez De María, ChemCatChem, 2016, 8, 1020-1027., @2016
1900. Y. Kwon, K. J. P. Schouten, J. C. Van Der Waal, E. De Jong, M. T. M. Koper, ACS Catalysis, 2016, 6, 6704-6717., @2016
1901. S. Motokucho, H. Morikawa, H. Nakatani, B. A. J. Noordover, Tetrahedron Letters, 2016, 57, 4742-4745., @2016
1902. K. V. S. Ranganath, M. Sahu, M. Shaikh, P. K. Gavel, K. K. Atyam, S. Khilari, P. Das, New Journal of Chemistry, 2016, 40, 4468-4471., @2016
1903. S. Tšupova, F. Rominger, M. Rudolph, A. S. K. Hashmi, Green Chemistry, 2016, 18, 5800-5805., @2016
1904. K. V. Wagh, K. C. Badgujar, N. M. Patil, B. M. Bhanage, Current Organic Chemistry, 2016, 20, 736-751., @2016
1905. C. Wang, H. He, Y. Lin, L. Huang, M. Sun, T. Zhang, L. He, RSC Advances, 2016, 6, 70586-70591., @2016
1906. Neațu, F., Marin, R.S., Florea, M., Petrea, N., Pavel, O.D., Pârvulescu, V.I., Selective oxidation of 5-hydroxymethyl furfural over non-precious metal heterogeneous catalysts, Applied Catalysis

523. **Kurteva, V.**, Lubenov, L., **Nedeltcheva, D.**, Nikolova, R., Shivachev, B.. Fast and efficient direct conversion of 2-aminopyridine into 2,3-disubstituted imidazo[1,2-a]pyridines. *Arkivoc*, viii, 2012, ISSN:1551-7012, DOI:12-7379OP, 282-294. SJR:0.23, ISI IF:1.165

Цумура се в:

1907. Alanine, T. A., Galloway, W. R. J. D., Bartlett, S., Ciardiello, J. J., McGuire, T. M., Spring, D. R. Concise synthesis of rare pyrido[1, 2-a]pyrimidin-2-ones and related nitrogen-rich bicyclic scaffolds with a ring-junction nitrogen, *Organic and Biomolecular Chemistry*, 2016, 14, 1031-1038., @2016
1908. Wagare, D. S.; Farooqui, M.; Keche, T. D.; Durrani, A.; Efficient and green microwave-assisted one-pot synthesis of azaindolizines in PEG-400 and water, *Synthetic Communications*, 2016, 46, 1741-1746., @2016

524. Gallo, A., **Tsoncheva, T.**, Marelli, M., Mihaylov, M., **Dimitrov, M.**, Dal Santo, V., Hadjiivanov, K.. Size controlled copper nanoparticles hosted in mesoporous silica matrix: Preparation and characterization. *Applied Catalysis B: Environmental*, 126, Elsevier, 2012, ISSN:0926-3373, DOI:doi:10.1016/j.apcatb.2012.07.022, 161-171. SJR:2.088, ISI IF:7.435

Цумура се в:

1909. Bilkova, I., Sobczak, I., Decyk, P., Ziolk, M., Whitten, J.E., The effect of zinc and copper in gold catalysts supported on MCF cellular foams on surface properties and catalytic activity in methanol oxidation, 2016, *Microporous and Mesoporous Materials* 232, pp. 97-108, @2016
1910. Wang, G., van den Berg, R., de Mello Donega, C., de Jong, K.P., de Jongh, P.E. Silica-supported Cu₂O nanoparticles with tunable size for sustainable hydrogen generation, 2016, *Applied Catalysis B: Environmental* 192, pp 199-207, @2016
1911. Nowak, A., Szade, J., Talik, E., Mroziak, A., Peszke, J., Physicochemical and antibacterial characterization of ionocyt Ag/Cu powder nanoparticles, 2016, *Materials Characterization* 117, pp. 9-16, @2016

525. Georgiev, M., Pastore, S., Lulli, D., **Alipieva, K.**, Kostyuk, V., Potapovich, A., Panetta, M., Korkina, L... Verbascum xanthophoeniceum-derived phenylethanoid glycosides are potent inhibitors of inflammatory chemokines in dormant and interferon-gamma-stimulated human keratinocytes.. *Journal of Ethnopharmacology*, 144, 2012, 754-760. ISI IF:2.755

Цумура се в:

1912. Grzegorzczak-Karolak, I. , Kuźma, Ł., Wysokińska, H. In vitro cultures of *Scutellaria alpina* as a source of pharmacologically active metabolites. *Acta Physiologiae Plantarum*, 38 (1), 1-9., @2016
1913. Maquiaveli, C.C., Lucon-Júnior, J.F., Brogi, S., Campiani, G., Gemma, S., Vieira, P.C., Silva, E.R. Verbascoside Inhibits Promastigote Growth and Arginase Activity of *Leishmania amazonensis*. *Journal of Natural Products*, 73 (5), 1459-1463., @2016
1914. Xue, Z., Yang, B. Phenylethanoid glycosides: Research advances in their phytochemistry, pharmacological activity and pharmacokinetics. *Molecules*, 21 (8), Article number 21080991., @2016

526. **Tsoncheva, T.**, Gallo, A., Scotti, N., **Dimitrov, M.**, Delaigle, R., Gaigneaux, E. M., Kovacheva, D., Dal Santo, V., Ravasio, N.. Optimization of the preparation procedure of cobalt modified silicas as catalysts in methanol decomposition. *Applied Catalysis A: General*, 417-418, Elsevier, 2012, ISSN:0926-860X,

Цитирана се в:

- 1915.** Védrine, J.C., Fechete, I., Heterogeneous partial oxidation catalysis on metal oxides, 2016, Comptes Rendus Chimie 19, pp. 1203-1225, @2016
- 1916.** Gonzalez-Prior, J., Gutierrez-Ortiz, J.I., Lopez-Fonseca, R., Finocchio, E., De Rivas, B., Oxidation of chlorinated alkanes over Co₃O₄/SBA-15 catalysts. Structural characterization and reaction mechanism, 2016, Catalysis Science and Technology 6, pp. 5618-5630, @2016

- 527.** Atanassova, M., **Kurteva, V.**, Lubenov, L., **Varbanov, S.**, Dukov, I.. Behavior of mixed systems based on para-substituted 4-aryl-5-pyrazolones in the presence of phosphorus containing calix[4]arene towards lanthanoids: synergistic solvent extraction and separation. Separation and Purification Technology, 95, Elsevier, 2012, ISSN:1383-5866, DOI:10.1016/j.seppur.2012.04.022, 58-63. SJR:1.171, ISI IF:3.091

Цитирана се в:

- 1917.** Safarbali, R.; Yaftian, M. R.; Zamani, A.; Solvent extraction-separation of La(III), Eu(III) and Er(III) ions from aqueous chloride medium using carbamoyl-carboxylic acid extractants, Journal of Rare Earths, 2016, 34, 91-98., @2016
- 1918.** Galaction, A.-I.; Poștaru, M.; Blaga, A.-C.; Bompa, A.-S.; Cașcaval, D. Synergic Effects on Pantothenic Acid Extraction and Transport through Liquid Membranes, Bulletin of the Chemical Society of Japan, 2016, 89, 33-41., @2016

- 528.** **Kurteva, V.**, **Antonov, L.**, **Nedeltcheva, D.**, Crochet, A., Fromm, K. M., Nikolova, R. P., Shivachev, S., Nikiforova, M.. Switching azonaphthols containing a side chain with limited flexibility. Part 1. Synthesis and tautomeric properties. Dyes and Pigments, 92, 3, Elsevier, 2012, ISSN:0143-7208, DOI:10.1016/j.dyepig.2011.07.013, 1266-1277. SJR:0.943, ISI IF:3.966

Цитирана се в:

- 1919.** Тхани, Аль-Саиди Мохаммед Забун; Таутомерия и экстракционно-фотометрическое определение фенилазонафтолов с применением смешанных мицелл поверхностно-активных веществ, ФГБОУ ВПО Саратовский Государственный Университет имени Н. Г. Чернышевского, Саратов, 2016, @2016

- 529.** **Trendafilova, A.**, **Todorova, M.**, Gavrilova, A., Vitkova, A.. Flavonoid glycosides from Bulgarian endemic *Alchemilla achtarowii* Pawl. Biochemical Systematics and Ecology, 43, Elsevier, 2012, ISSN:0305-1978, DOI:10.1016/j.bse.2012.03.013, 156-158. SJR:0.398, ISI IF:1.153

Цитирана се в:

- 1920.** Ilgun, S., Baldemir, A., Sam, N., Delimustafaoglu, F., Kosar, M. Phytochemical and morpho-anatomical properties of *Alchemilla mollis* (Buser) Rothm. Growing in Turkey (2016) Bangladesh Journal of Botany, 45 (3), pp. 685-692, @2016
- 1921.** Öz, B.E., İlhan, M., Özbilgin, S., Akkol, E.K., Acıkara, O.B., Saltan, G., Keleş, H., Süntar, I. Effects of *Alchemilla mollis* and *Alchemilla persica* on the wound healing process (2016) Bangladesh Journal of Pharmacology, 11 (3), pp. 577-584, @2016

- 530.** Orsi, R.O., Fernandes, A, **Bankova, V.**, Sforcin, J. M.. The effects of Brazilian and Bulgarian propolis in vitro against *Salmonella Typhi* and their synergism with antibiotics acting on the ribosome.. Natural Product Research, 26, 5, 2012, 430-437. ISI IF:1.031

Цитира се в:

1922. Kalia, P., Kumar N.R., Harjai, K. BMC Complementary and Alternative Medicine, 16:485, DOI: 10.1186/s12906-016-1474-5, @2016
1923. Zhao, L.; Pu, L.; Wei, J.; Li, J.; Wu, J.; Xin, Z.; Gao, W.; Guo, C.. Int. J. Environ. Res. Public Health 13, 498, doi:10.3390/ijerph13050498, @2016
1924. Pereira RF, Bártolo PJ. Advances in Wound Care 5(5), -229, doi:10.1089/wound.2013.0506, @2016
531. **Yancheva, D.**, Daskalova, L., Cherneva, E., **Mikhova, B.**, Djordjevic, A., Smelcerovic, Z., Smelcerovic, A.. Synthesis, structure and antimicrobial activity of 6-(propan-2-yl)-3-methyl-morpholine-2,5-dione. J. Molec. Struc., 1016, Elsevier, 2012, ISSN:0022-2860, DOI:10.1016/j.molstruc.2012.02.057, 147-154. ISI IF:1.683

Цитира се в:

1925. Raheel, A., Imtiaz-Ud-Din, Badshah, A., Rauf, M.K., Tahir, M.N., Khan, K.M., Hameed, A., Andleeb, S. Amino acid linked bromobenzoyl thiourea derivatives: Syntheses, characterization and antimicrobial activities, @2016
1926. Raheel, A., Imtiaz-Ud-Din, Badshah, A., Rauf, M.K., Tahir, M.N., Khan, K.M., Hameed, A., Andleeb, S., Amino acid linked bromobenzoyl thiourea derivatives: Syntheses, characterization and antimicrobial activities, J. Chem. Soc. Pak., 38, 959-964., @2016
532. **Popova, M., Dimitrov, M.**, Dal Santo, V., Ravasio, N., Scotti, N.. Dehydrogenation of cyclohexanol on copper containing catalysts: The role of the support and the preparation method. Catalysis Communications, 17, Elsevier, 2012, ISSN:1566-7367, DOI:doi:10.1016/j.catcom.2011.10.021, 150-153. SJR:1.081, ISI IF:3.699

Цитира се в:

1927. Meng, F., Wang, Y., Wang, S., Wang, S., Hydration of cyclohexene over zeolite ZSM-5: improved catalyst performance by alkali treatment, Reaction Kinetics, Mechanisms and Catalysis, December 2016, 119 (2), pp. 671–683, @2016, @2016
533. Albo, J., Santos, E., Neves, L.A., **Simeonov, S.P.**, Afonso, C.A.M., Irabien, A.. Separation performance of CO₂ through Supported Magnetic Ionic Liquid Membranes (SMILMs). Separation and Purification Technology, 97, Elsevier, 2012, ISSN:1383-5866, DOI:10.1016/j.seppur.2012.01.034, 26-33. SJR:1.171, ISI IF:3.091

Цитира се в:

1928. Dai, Z., Noble, R.D., Gin, D.L., Zhang, X., Deng, L., Combination of ionic liquids with membrane technology: A new approach for CO₂ separation, Journal of Membrane Science, 2016, 497, 1-20, @2016
1929. A. Alkhouzaam, M. Khraisheh, M. Atilhan, S. A. Al-Muhtaseb, L. Qi, D. Rooney, Journal of Natural Gas Science and Engineering, 2016, 36, 472-485., @2016
1930. T. Chatzimitakos, C. Binellas, K. Maidatsi, C. Stalikas, Analytica Chimica Acta, 2016, 910, 53-59., @2016
1931. K. D. Clark, O. Nacham, J. A. Purslow, S. A. Pierson, J. L. Anderson, Analytica Chimica Acta, 2016, 934, 9-21, @2016
1932. A. Joseph, G. Zyla, V. I. Thomas, P. R. Nair, A. S. Padmanabhan, S. Mathew, Journal of Molecular Liquids, 2016, 218, 319-331., @2016

1933. J. Liu, X. Hou, H. B. Park, H. Lin, Chemistry - A European Journal, 2016, 22, 15980-15990., @2016

534. **Simova, S.**, Atanasov, A., Shishiniova, M., **Bankova, V.**. A rapid differentiation between oak honeydew honey and nectar and other honeydew honeys by NMR spectroscopy. Food Chemistry, 134, 3, Elsevier, 2012, ISSN:0308-8146, DOI:10.1016/j.foodchem.2012.03.071, 1706-1710. SJR:1.42, ISI IF:3.391

Цумура се в:

1934. Simmler, C., D. Kulakowski, D.C. Lankin, J.B. McAlpine, S.-N. Chen, G.F. Pauli. Adv Nutr 7, 179–89; doi:10.3945/an.115.009928, @2016

1935. Spyros A. Nuclear Magnetic Resonance 45, 269 – 302, @2016

1936. Atanasova, J., Lazarova, M., Yurukova, L. Journal of Central European Agriculture, 17(3), 640-651, @2016

1937. Santos, C.M.M., A.M.S. Silva. In: Chemistry, Biology and Potential Applications of Honeybee Plant Derived Products. Eds: Susana M. Cardoso and Artus M.S. Silva, ISBN (eBook): 978-1-68108-237-0; ISBN (Print): 978-1-68108-238-7; Bentham Science Publishers, Sharjah, 2016, pp. 150- 195., @2016

1938. Ni, C., Zhu, B., Wang, N., (...), Zhang, J., Zhu, Y. , Simple column-switching ion chromatography method for determining eight monosaccharides and oligosaccharides in honeydew and nectar, Food Chemistry, 194, pp. 555-560., @2016

535. Tzvetkova, P., Luy, B., **Simova, S.**. Configuration verification via RDCs on the example of a tetra-substituted pyrrolidine ring.. Magnetic Resonance in Chemistry, 50, 1, Wiley, 2012, ISSN:0749-1581(Print) 1097-458X(Online), DOI:10.1002/mrc.3902, 92-101. SJR:0.43, ISI IF:1.179

Цумура се в:

1939. Fredersdorf, M., NMR-Spektroskopische Strukturaufklärung eines neuen antituberkulotisch wirksamen Depsipeptids und weiterer kleiner Moleküle, Technische Universität, Darmstadt, @2016

536. Dodoff, N. I., Lalia-Kantouri, M., Gdaniec, M., Czapik, A., **Vassilev, N. G.**, Markova, L. S., Apostolova, M. D.. trans-Dichloro(η^2 -ethylene)(N-3-pyridinylmethanesulfon-amide)platinum(II). Crystal structure, spectroscopic and thermoanalytical characterization, and cytotoxicity assays. Journal of Coordination Chemistry, 65, 4, Taylor & Francis, 2012, ISSN:Print ISSN: 0095-8972 Online ISSN: 1029-0389, DOI:10.1080/00958972.2012.659729, 688-704. ISI IF:1.756

Цумура се в:

1940. David Balcells, Odile Eisenstein, Mats Tilset and Ainara Nova, Coordination and insertion of alkenes and alkynes in AuIII complexes: nature of the intermediates from a computational perspective, Dalton Trans., 2016, 45, 5504-5513, @2016

537. **Markova N.**, Ivanova G., **Enchev V.**, Simeonova M.. Microstructure of poly(butyl- α -cyanoacrylate) chains in nanoparticles: NMR spectroscopy and DFT calculations. Structural Chemistry, 23, 3, Springer US, 2012, ISSN:1572-9001 (Online), DOI:10.1007/s11224-011-9928-3, 815-824. ISI IF:1.837

Цумура се в:

1941. Tiegs, B.J., Sarkar, S., Condo, A.M., Keresztes, I. , Coates, G.W., Rapid Determination of Polymer Stereoregularity Using Band-Selective 2D HSQC, ACS Macro Lett., 2016, Volume 5, Pages 181-184, DOI: 10.1021/acsmacrolett.5b00866, @2016

1942. Serin, S.C., Dake, G.R. , Gates, D.P., Addition-Isomerization Polymerization of Chiral Phosphaalkenes: Observation of Styrene-Phosphaalkene Linkages in a Random Copolymer, *Macromolecules*, 2016, Volume 49, Pages 4067-4075, DOI: 10.1021/acs.macromol.6b00667, @2016

538. Balansky R, Ganchev G, Ilcheva M, **Kratchanova M., Denev P.**, Kratchanov Chr., Polasa K, D'Agostini F, Steele V E, De Flora S. Inhibition of lung tumor development by berry extracts in mice exposed to cigarette smoke. *International Journal of Cancer*, 131, 9, Wiley, 2012, 1991-1997. SJR:2.311, ISI IF:6.198

Цумура се в:

1943. Forbes-Hernandez T., Gasparini M., Afrin S., Bompadre S., Mezzetti B., Quiles J., Giampieria F., Battino M. (2016) The Healthy Effects of Strawberry Polyphenols: Which Strategy behind Antioxidant Capacity? *Critical Reviews in Food Science and Nutrition*, 56, pp. S46-S59., @2016

1944. Borowska, S., Brzóska, M.M. (2016) Chokeberries (*Aronia melanocarpa*) and Their Products as a Possible Means for the Prevention and Treatment of Noncommunicable Diseases and Unfavorable Health Effects Due to Exposure to Xenobiotics. *Comprehensive Reviews in Food Science and Food Safety*, 15 (6), pp. 982-1017., @2016

1945. Amararathna, M., Johnston, M.R., Vasantha Rupasinghe, H.P. (2016) Plant polyphenols as chemopreventive agents for lung cancer. *International Journal of Molecular Sciences*, 17 (8), art. no. 1352., @2016

1946. Goh, A.R., Youn, G.S., Yoo, K.-Y., Won, M.H., Han, S.-Z., Lim, S.S., Lee, K.W., Choi, S.Y., Park, J. (2016) *Aronia melanocarpa* Concentrate Ameliorates Pro-Inflammatory Responses in HaCaT Keratinocytes and 12-O-Tetradecanoylphorbol-13-Acetate-Induced Ear Edema in Mice. *Journal of Medicinal Food*, 19 (7), pp. 654-662., @2016

539. Ciz M, **Denev P., Kratchanova M.**, Vasicek O., Ambrozova G., Lojek A.. Flavonoids inhibit the respiratory burst of neutrophils in mammals. *Oxidative Medicine and Cellular Longevity*, 2012, art. no. 181295, Hindawi, 2012, SJR:0.775, ISI IF:3.393

Цумура се в:

1947. Vargas, J.E., Souto, A.A., Pitrez, P.M.C., Stein, R.T., Porto, B.N. (2016) Modulatory potential of resveratrol during lung inflammatory disease. *Medical Hypotheses*, 96, pp. 61-65., @2016

1948. Venancio, V.P., Marques, M.C., Almeida, M.R., Mariutti, L.R.B., Souza, V.C.O., Barbosa, F., Pires Bianchi, M.L., Marzocchi-Machado, C.M., Mercadante, A.Z., Antunes, L.M.G. (2016). *Chrysobalanus icaco* L. fruits inhibit NADPH oxidase complex and protect DNA against doxorubicin-induced damage in Wistar male rats. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, 79 (20), pp. 885-893., @2016

1949. Erukainure, O.L., Mesaik, A.M., Muhammad, A., Chukwuma, C.I., Manhas, N., Singh, P., Aremu, O.S., Islam, M.S. (2016) Flowers of *Clerodendrum volubile* exacerbate immunomodulation by suppressing phagocytic oxidative burst and modulation of COX-2 activity. *Biomedicine and Pharmacotherapy*, 83, pp. 1478-1484., @2016

1950. Pires, R.H., Felix, S.B., Delcea, M. (2016) The architecture of neutrophil extracellular traps investigated by atomic force microscopy. *Nanoscale*, 8 (29), pp. 14193-14202., @2016

1951. Westman, P.C., Lipinski, M.J., Luger, D., Waksman, R., Bonow, R.O., Wu, E., Epstein, S.E. (2016) Inflammation as a Driver of Adverse Left Ventricular Remodeling after Acute Myocardial Infarction. *Journal of the American College of Cardiology*, 67 (17), pp. 2050-2060., @2016

1952. Chávez-Santoscoy, R.A., Lazo-Vélez, M.A., Serna-Sáldivar, S.O., Gutiérrez-Urbe, J.A. (2016) Delivery of flavonoids and saponins from black bean (*Phaseolus vulgaris*) seed coats incorporated into whole wheat bread. *International Journal of Molecular Sciences*, 17 (2), art. no. 83., @2016
1953. Mostafa, H.E.-S., Abd El-Baset, S.A., Kattaia, A.A.A., Zidan, R.A., Al Sadek, M.M.A. (2016) Efficacy of naringenin against permethrin-induced testicular toxicity in rats. *International Journal of Experimental Pathology*, 97 (1), pp. 37-49., @2016
1954. Juliati S., Mahreda E.S., TriawantiT, Suhartono E. (2016) The Effects of The Long Exposure of Metal Cadmium (Cd) towards the Levels of Peroxide (H₂O₂), Malondialdehyde (MDA), and Metilglioksal (MG) in Whihte-mouse Livers (*Ratus novergicus*). *EnviroScientee*, 12(1), 43-49., @2016
1955. Gessner, D. K., Ringseis, R. and Eder, K. (2016), Potential of plant polyphenols to combat oxidative stress and inflammatory processes in farm animals. *J Anim Physiol Anim Nutr*. doi:10.1111/jpn.12579, @2016

540. Soare L, Nicolova R, Ferdes M, **Denev P.**, Stefanov S, Bejan C, Denkova Z, Paunescu A. Antioxidant activity, polyphenols content and antimicrobial activity of several native pteridophytes of Romania. *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, 40, 1, 2012, 53-57. SJR:0.296, ISI IF:0.59

Цумупа се в:

1956. Rajesh, K.D., Vasantha, S., Panneerselvam, A., Rajesh, N.V., Jeyathilakan, N. (2016) Phytochemical analysis, in vitro antioxidant potential and gas chromatography-mass spectrometry studies of *Dicranopteris linearis*. *Asian Journal of Pharmaceutical and Clinical Research*, 9(2):1-6., @2016
1957. Şuţan, N.A., Fierăscu, I., Fierăscu, R.C., Manolescu, D.T., Soare, L.C. (2016) Comparative analytical characterization and in vitro cytogenotoxic activity evaluation of *Asplenium scolopendrium* L. leaves and rhizome extracts prior to and after Ag nanoparticles phytosynthesis. *Industrial Crops and Products*, 83, pp. 379-386, @2016
1958. Ungureanu C., Dumitriu C., Popescu U., Enculescu M., Tofan V., Popescu M., Pirvua C. (2016) Enhancing antimicrobial activity of TiO₂/Ti by torularhodin bioinspired surface modification. *Bioelectrochemistry*, 107, 14–24, @2016

541. Soare L, Ferdes M, Stefanov S, Denkova Z, Nicolova R, **Denev P.**, Ungureanu C. Antioxidant and antimicrobial properties of some plant extracts. *Revista De Chimie.*, 63, 2012, 432-434. SJR:0.26, ISI IF:0.538

Цумупа се в:

1959. Carac, A., Boscencu, R., Patriche, S., Carac, G., Gird, C.E. (2016) Antioxidant and antimicrobial potential of extracts from *Aloe vera* leaves. *Revista de Chimie*, 67 (4), pp. 654-658, @2016

542. **Denev P.**, Kratchanov Chr., Ciz M, Lojek A, **Kratchanova M.** Bioavailability and Antioxidant Activity of Black Chokeberry (*Aronia melanocarpa*) Polyphenols: in vitro and in vivo Evidences and Possible Mechanisms of Action. A Review. *Comprehensive Reviews in Food Science and Food Safety*, 11, 5, Wiley, 2012, 471-489. SJR:2.248, ISI IF:5.053

Цумупа се в:

1960. Zhang Y, Huang M., Wang Q, Cheng J (2016) Structure-guided unravelling: Phenolic hydroxyls contribute to reduction of acrylamide using multiplex quantitative structure–activity relationship modelling. *Food Chemistry* 199 (2016) 492–501, @2016

1961. Kšonžekova P, Mariychuk R, Eliašova A, Mudronova D, Csank T, Kiraly J, Marcincakova D, Pistl J., Tkacikova L. (2015) In vitro study of biological activities of anthocyanin-rich berry extracts on porcine intestinal epithelial cells. *Journal of the Science of Food and Agriculture*, 96 (4), pp. 1093-1100, @2016
1962. Bialek M, Rutkowska J., Bialek A., Adamska A. (2016) Oxidative Stability of Lipid Fraction of Cookies Enriched with Chokeberry Polyphenols Extract, *Polish Journal of Food and Nutritional Sciences*, 66 (2), pp. 77-84., @2016
1963. Kovačević B.D., Gajdoš Kljusurić J., Putnik, P., Vukušić, T., Herceg, Z., Dragović-Uzelac, V. (2016) Stability of polyphenols in chokeberry juice treated with gas phase plasma. *Food Chemistry*, 212, pp. 323-331., @2016
1964. Borowska, S., Brzóska, M.M. (2016) Chokeberries (*Aronia melanocarpa*) and Their Products as a Possible Means for the Prevention and Treatment of Noncommunicable Diseases and Unfavorable Health Effects Due to Exposure to Xenobiotics. *Comprehensive Reviews in Food Science and Food Safety*, 15 (6), pp. 982-1017., @2016
1965. Brazdauskas, T., Montero, L., Venskutonis, P.R., Ibañez, E., Herrero, M. (2016) Downstream valorization and comprehensive two-dimensional liquid chromatography-based chemical characterization of bioactives from black chokeberries (*Aronia melanocarpa*) pomace. *Journal of Chromatography A*, 1468, pp. 126-135., @2016
1966. Herrera, M.A., Rosende, M., Arruda, M.A.Z., Miró, M. (2016) On-line coupling of physiologically relevant bioaccessibility testing to inductively coupled plasma spectrometry: Proof of concept for fast assessment of gastrointestinal bioaccessibility of micronutrients from soybeans. *Analytica Chimica Acta*, 939, pp. 1-9., @2016
1967. García-Flores, L.A., Medina, S., Oger, C., Galano, J.-M., Durand, T., Cejuela, R., Martínez-Sanz, J.M., Ferreres, F., Gil-Izquierdo, Á. (2016) Lipidomic approach in young adult triathletes: effect of supplementation with a polyphenols-rich juice on neuroprostane and F2-dihomo-isoprostane markers. *Food and Function*, 7 (10), pp. 4343-4355., @2016
1968. Bijak, M., Saluk, J., Szelenberger, R., Nowak, P. (2016) Popular naturally occurring antioxidants as potential anticoagulant drugs. *Chemico-Biological Interactions*, 257, pp. 35-45., @2016
1969. Brzóska, M.M., Borowska, S., Tomczyk, M. (2016) Antioxidants as a potential preventive and therapeutic strategy for cadmium. *Current Drug Targets*, 17 (12), pp. 1350-1384., @2016
1970. Zhang, O., Zou, X., Li, Q.-H., Sun, Z., Liu, Y.D., Zhong, R.G. (2016) Experimental and Theoretical Investigation of Effects of Ethanol and Acetic Acid on Carcinogenic NDMA Formation in Simulated Gastric Fluid. *Journal of Physical Chemistry A*, 120 (26), pp. 4505-4513., @2016
1971. Tomić, M., Ignjatović, D., Tovilović-Kovačević, G., Krstić-Milošević, D., Ranković, S., Popović, T., Glibetić, M. (2016) Reduction of anxiety-like and depression-like behaviors in rats after one month of drinking: *Aronia melanocarpa* berry juice. *Food and Function*, 7 (7), pp. 3111-3120., @2016
1972. Kicel, A., Michel, P., Owczarek, A., Marchelak, A., Zyzelewicz, D., Budryn, G., Oracz, J., Anna Olszewska, M. (2016) Phenolic profile and antioxidant potential of leaves from selected *Cotoneaster Medik.* species. *Molecules*, 21 (6), art. no. 688., @2016
1973. Grunovaite, L., Pukalskiene, M., Pukalskas, A., Venskutonis, P.R. (2016) Fractionation of black chokeberry pomace into functional ingredients using high pressure extraction methods and evaluation of their antioxidant capacity and chemical composition. *Journal of Functional Foods*, 24, pp. 85-96., @2016
1974. Poracova, J., Sedlak, V., Porubska, J., Gogalova, Z., Mariychuk, R., Vaskova, J., Vasko, L.,

Blascakova, M.M., Posivakova, T. (2016) The antioxidant effects of lyophilised extracts of berry fruit. *Acta Horticulturae*, 1133, pp. 357-362., @2016

1975. Brzóska, M.M., Rogalska, J., Roszczenko, A., Galazyn-Sidorczuk, M., Tomczyk, M. (2016) The Mechanism of the Osteoprotective Action of a Polyphenol-Rich *Aronia melanocarpa* Extract during Chronic Exposure to Cadmium is Mediated by the Oxidative Defense System. *Planta Medica*, 82 (7), pp. 621-631., @2016
1976. Beaulieu M, Geiger RE, Reim E, Zielke L, Fischer K. (2016) Reproduction alters oxidative status when it is traded-off against longevity. Erratum in: *Evolution*, 70(4):955-6., @2016
1977. Simić, V.M., Rajković, K.M., Stojičević, S.S., Veličković, D.T., Nikolić, N.Č., Lazić, M.L., Karabegović, I.T. (2016) Optimization of microwave-assisted extraction of total polyphenolic compounds from chokeberries by response surface methodology and artificial neural network. *Separation and Purification Technology*, 160, pp. 89-97., @2016
1978. Afrin, S., Giampieri, F., Gasparrini, M., Forbes-Hernandez, T.Y., Varela-López, A., Quiles, J.L., Mezzetti, B., Battino, M. (2016) Chemopreventive and therapeutic effects of edible berries: A focus on colon cancer prevention and treatment. *Molecules*, 21 (2), art. no. 169., @2016
1979. Valcheva-Kuzmanova, S., Eftimov, M., Belcheva, I., Belcheva, S., Tashev, R. (2016) Anti-anxiety effect of *aronia melanocarpa* fruit juice administered subchronically to rats. *Farmacia*, 64 (3), pp. 367-371., @2016
1980. Nowak, D., Grabczewska, Z., Gośliński, M., Obońska, K., Dabrowska, A., Kubica, J. (2016) Effect of chokeberry juice consumption on antioxidant capacity, lipids profile and endothelial function in healthy people: A pilot study. *Czech Journal of Food Sciences*, 34 (1), pp. 39-46., @2016
1981. Borecki K., Żuchowski M., Siennicka A., Adler G., Jastrzębska M. (2016) Polyphenol rich extract of *Aronia melanocarpa* inhibits TNF α induced apoptosis in H9c2 cells. *Journal of Medical Science*;85(3), 185-191., @2016
1982. Sainova I., Valkova I., Nikolova E., Alexieva B., Baldziev A., Alishev A., Nenchev M. (2016) A pilot study on the relationship of the cytoskeleton components with normal cellular functions and injuries in malignant and neuro-degenerative multi-factor disorders, using biological systems with rat, mouse and human origin. *World Journal Of Pharmacy And Pharmaceutical Sciences*, 5(10), 124-141, @2016
1983. Nowak, D., Gośliński, M. and Szwengiel, A. (2016), Multidimensional comparative analysis of phenolic compounds in organic juices with high antioxidant capacity. *J. Sci. Food Agric.* doi:10.1002/jsfa.8089, @2016
543. Jakubec P, Bancirova M, Halouzka V, Lojek A., Ciz M, **Denev P.**, Cibicek N, Vacek J, Psotova J, Ulrichová J, Hrbac J. Electrochemical sensing of total antioxidant capacity and polyphenol content in wine samples using amperometry on-line coupled with microdialysis. *Journal of Agricultural and Food Chemistry*, 60, 32, American Chemical Society, 2012, 7836-7843. SJR:1.261, ISI IF:2.906

Цитира се в:

1984. Pigani, L., Rioli, C., Foca, G., Terzi, F., Zanardi, C. (2016) Determination of polyphenol content and colour index in wines through PEDOT-modified electrodes. *Analytical and Bioanalytical Chemistry*, 408 (26), pp. 7329-7338, @2016
1985. Pisoschi AM, Pop A., Cimpeanu C, Predoi G. (2016) Antioxidant Capacity Determination in Plants and Plant-Derived Products: A Review. *Oxidative Medicine and Cellular Longevity*, 2016, Article ID 9130976, 36 pages., @2016
1986. Molla, N., Bakardzhiyski, I., Manolova, Y. et al. *Food Anal. Methods* (2016).

- 544. Kancheva, V.D.,** Saso, L., **Angelova, S.E.,** Foti, M.C., **Slavova-Kazakova, A.,** Daquino, C., **Enchev, V.,** Firuzi, O., Nechev, J.. Antiradical and antioxidant activities of new bio-antioxidants. *BIOCHIMIE*, 94, ELSEVIER, 2012, ISSN:0300-9084, 403-415. SJR:1.183, ISI IF:3.897

Цитирана се в:

- 1987.** Ze-Qing Zhao, Yan-Fang Sua, Fei Yang, Xiu-Mei Gao & Tian-Xiang Li, Two new lignan glycosides from the fruits of *Pyrus ussuriensis*, *Journal of Asian Natural Products Research*, Published online: 20 Jul 2016, DOI: 10.1080/10286020.2016.1210132, @2016
- 1988.** Zhao, Z.-Q., Su, Y.-F., Yang, F., Gao, X.-M., Li, T.-X.; Two new lignan glycosides from the fruits of *Pyrus ussuriensis*, *Journal of Asian Natural Products Research*, 2016, @2016
- 1989.** Malki, F., Touati, A., Moulay, S., Baltas, M., Antioxidant and antimicrobial activities of two amidine derivatives, *Mediterranean Journal of Biosciences*, 2016, Volume 1(2), Pages 62-68, @2016

- 545. Idakieva, K.,** Meersman, F., Gielens, C.. Reversible heat inactivation of copper sites precedes thermal unfolding of molluscan (*Rapana thomasiana*) hemocyanin. *Biochimica et Biophysica Acta - Proteins and Proteomics*, 1824, ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS, 2012, ISSN:1570-9639, 731-738. ISI IF:3.733

Цитирана се в:

- 1990.** Fan, Y., Chen, H., Zeng, G., Liu, J., Xue, J., Wu, Y., Li, X., Medicinal chemistry, (Los Angelis) 6: 395-398. doi:10.4172/2161-0444.10003752016, @2016

- 546. Kantardjiev, A.** Quantum.Ligand.Dock: Protein-ligand docking with quantum entanglement refinement on a GPU system. *Nucleic Acids Research*, 40, Oxford Journals, 2012, ISSN:1362-4962, DOI:10.1093/nar/gks515, 415-422. SJR:6.16, ISI IF:9.112

Цитирана се в:

- 1991.** Yilmazer, N.D., Korth, M. Recent progress in treating protein–ligand interactions with quantum-mechanical methods (2016) *International Journal of Molecular Sciences*, 17 (5), @2016
- 1992.** Pérez, G.M., Salomón, L.A., Montero-Cabrera, L.A., de la Vega, J.M.G., Mascini, M. Integrating sampling techniques and inverse virtual screening: toward the discovery of artificial peptide-based receptors for ligands (2016) *Molecular Diversity*, 20 (2), pp. 421-438, @2016
- 1993.** ilmazer, N.D., Korth, M. Prospects of applying enhanced semi-empirical QM methods for virtual drug design (2016) *Current Medicinal Chemistry*, 23 (20), @2016

- 547. Dobrikov, G.M.,** Valcheva, V., Stoilova-Disheva, M., Momekov, G., Tzvetkova, P., Chimov, A., **Dimitrov, V..** Synthesis and in vitro antimycobacterial activity of compounds derived from (R)- and (S)-2-amino-1-butanol - The crucial role of the configuration. *European Journal of Medicinal Chemistry*, 48, Elsevier, 2012, ISSN:02235234, DOI:10.1016/j.ejmech.2011.11.035, 45-56. SJR:1.004, ISI IF:3.781

Цитирана се в:

- 1994.** Cherkadu, V., Kalavagunta, P.K., Ravirala, N., Shivananju, N.S., Priya, B.S., Zinc Chloride Catalyzed, Dipolar Aprotic Solvent-Mediated, One-Pot Synthesis of 2-[(Benzo[d]thiazol-2-ylamino)(phenyl)methyl]phenols, *Synlett*, 2016, Volume 27, Pages 2795–2798, @2016

- 548. Danova, K., Todorova, M., Trendafilova, A.,** Evstatieva, L.. Cytokinin and auxin effect on the

terpenoid profile of the essential oil and morphological characteristics of shoot cultures of *Artemisia alba*. Natural Product Communications, 7, 8, 2012, ISSN:1934-578X, 1075-1076. ISI IF:0.928

Цумура се в:

1995. Worakan P , Karaket N, Maneejantra N , Supaibulwatana K (2016) A Phenylurea Cytokinin, CPPU, Elevated Reducing Sugar and Correlated to Andrographolide Contents in Leaves of *Andrographis paniculata* (Burm. F.) Wall. Ex Nees. Appl Biochem Biotechnol. doi:10.1007/s12010-016-2238-x, p 1-12, @2016

549. Sainova I, Pavlova V, Alexieva B, Vavrek I, Nikolova E, Valcheva-Kuzmanova S, Markova T, **Kratchanova M., Denev P.** Chemoprotective, antioxidant and immunomodulatory in vitro effects of *Aronia melanocarpa* total extract on laboratory-cultivated normal and malignant cells.. Journal of BioScience and Biotechnology, SE/ONLINE, 2012, 35-43

Цумура се в:

1996. Brazdauskas T, Montero L, Venskutonis PR, Ibañez E, Herrero M (2016) Downstream valorization and comprehensive two-dimensional liquid chromatography-based chemical characterization of bioactives from black chokeberries (*Aronia melanocarpa*) pomace. Journal of Chromatography A, 1468:126-135., @2016

550. Danova, K., Nikolova-Damianova, B., Denev, R., Dimitrov, D. Influence of vitamins on polyphenolic content, morphological development, and stress response in shoot cultures of *Hypericum* spp.. Plant Cell Tissue and Organ Culture, 110, 3, Springer, 2012, ISSN:Print ISSN 0167-6857, DOI:10.1007/s11240-012-0159-0, 383-393. SJR:0.832, ISI IF:3.633

Цумура се в:

1997. Mahendran, G., Bai, V.N. (2016) An efficient in vitro propagation, antioxidant and antimicrobial activities of *Aphyllorchis montana* Rchb.f. Plant Biosystems. DOI:10.1080/11263504.2015.1008597, Volume 150, Issue 5, 2 September 2016, Pages 1087-1095, @2016

551. Popova, A.D., Velcheva, E.A., Stamboliyska, B.A. DFT and experimental study on the IR spectra and structure of acesulfame sweetener. Journal of Molecular Structure, 1009, Elsevier, 2012, ISSN:0022-2860, DOI:doi:10.1016/j.molstruc.2011.07.039, 23-29. SJR:0.405, ISI IF:1.585

Цумура се в:

1998. Piro, O. E., Echeverría, G. A., Parajón-Costa, B. S., Baran, E. J., Structural and IR-spectroscopic characterization of magnesium acesulfamate. Zeitschrift für Naturforschung B, 2016, 71, 51-55., @2016

552. Ahmedova A., Marinova P., Gordana P., Guncheva M., Stoyanov N., Mitewa M. Structure and properties of a series of 2-cinnamoyl-1,3-indandiones and their metal complexes. Journal of Iranian Chemical Society, 1, Springer, 2012, ISSN:1735-207X, 1-15. SJR:0.397, ISI IF:1.731

Цумура се в:

1999. Malina, I., Kampars, V., Turovska, B. Synthesis, optical and electrochemical properties of substituted 2-cinnamoyl-1, 3-indandione O-methyl ethers Journal of Molecular Structure (2016) 1115, 241 - 249., @2016

553. Gonsalvesh, L., Marinov, S.P., Stefanova, M., Carleer, R., Yperman, J. Organic sulphur alterations in biodesulphurized low rank coals. Fuel, 97, Elsevier, 2012, ISSN:0016-2361, 489-503. SJR:1.568, ISI

Цитира се в:

2000. Meng, N., Jiang, D., Liu, Y., Gao, Z., Cao, Y., Zhang, J., Gu, J., Han, Y., Sulfur transformation in coal during supercritical water gasification, *Fuel*, 186, pp. 394-404 (2016), @2016

- 554. Stoyanov, Yancheva D. Y., Tsenov J. A..** IR spectra and structure of 2-{5,5-dimethyl-3-[(2-phenyl)vinyl]cyclohex-2-enylidene}-malononitrile and its potassium cyanide and sodium methoxide carbanionic adducts: Experimental and B3LYP theoretical studies. *Journal of Molecular Structure* Volume 1009, 15 February 2012, Pages 42-48, 2012, ISI IF:1.78

Цитира се в:

2001. Tautomerization, acidity, basicity, and stability of cyanoform: A computational study, @2016

- 555. Vasilev, A., De Mey, K., Asselberghs, I., Clays, K., Champagne, B, Angelova, S., Spassova, M., Li, C., Müllen, K..** Enhanced Intramolecular Charge Transfer in New Type Donor-Acceptor Substituted Perylenes. *The Journal of Physical Chemistry C*, 116, 43, ACS Publications, 2012, ISSN:1932-7447, DOI:10.1021/jp306848f, 22711-22719. ISI IF:4.772

Цитира се в:

2002. C. P. Gros, C. Michelin, G. Depotter, N. Desbois, K. Clays, Y. Cui, L. Zeng, Y. Fang, H. M. Ngo, C. Lopez, I. Ledoux, J.-F. Nicoud, F. Bolze, K. M. Kadish, J. Porphyrins Phthalocyanines, 20 (2016) 1–14. DOI: 10.1142/S1088424616500425, @2016

- 556. Antonov, L., Kurteva, V., Crochet, A., Mirolo, L., Fromm, K. M., Angelova, S..** Tautomerism in 1-phenylazo-4-naphthols: experimental results vs quantum-chemical predictions. *Dyes and Pigments*, 92, 1, Elsevier, 2012, ISSN:0143-7208, DOI:10.1016/j.dyepig.2011.06.026, 714-723. SJR:0.943, ISI IF:3.966

Цитира се в:

2003. Тхани, Аль-Саиди Мохаммед Забун; Таутомерия и экстракционно-фотометрическое определение фенилазонафтолов с применением смешанных мицелл поверхностно-активных веществ, ФГБОУ ВПО Саратовский Государственный Университет имени Н. Г. Чернышевского, Саратов, 2016, @2016

- 557. Marinova, E.M., Seizova, K.A., Totseva, I.R., Panayotova, S.S., Marekov, I.N., Momchilova, S.M..** Oxidative changes in some vegetable oils during heating at frying temperature. *Bulgarian Chemical Communications*, 44, 1, Institute of Chemical Engineering-BAS, 2012, ISSN:1324-1130, 57-63. SJR:0.139, ISI IF:0.349

Цитира се в:

2004. Hasan, S., Jahan, R., Alam, A., Khatun, K., Al-Reza, S.M., Study on Physicochemical Properties of Edible Oils Available in Bangladeshi Local Market, *Archives of Current Research International*, 2016, Volume 6 (1), Pages 1-6, Article no. ACRI.29464, @2016

2005. Falade, A.O., Oboh, G., Okoh, A.I., Potential Health Implications of the Consumption of Thermally-Oxidized Cooking Oils – a Review, *Polish Journal of Food and Nutrition Sciences*, 2016, Volume 67 (2), Pages 95-106, @2016

2006. Herchi, W., Ben Ammar, K., Bouali, I., Bou Abdallah, I., Guetet, A., Boukhchina, S., Heating effects on physicochemical characteristics and antioxidant activity of flaxseed hull oil (*Linum usitatissimum* L), *Food Science and Technology*, 2016, Volume 36 (1), Pages 97-102, @2016

2007. Nayak, P.K., Dash, U., Rayaguru, K., Krishnan, K.R., Physio-Chemical Changes During Repeated Frying of Cooked Oil: A Review, Journal of Food Biochemistry, 2016, Volume 40 (3), Pages 371-390, @2016

558. Evstatieva, L.N, **Alipieva, K.I.** Conservation and sustainable use of threatened medicinal plant *Sideritis scardica* in Bulgaria. Acta Horticulturae, 944, 2012, ISSN:0567-7572, 89-92

Цумура се в:

2008. Vassilevska-Ivanova, R., Shtereva, L. , Stancheva, I., Geneva, M., Hristozkova, M. Determination of the antioxidant capacity of *Sideritis Scardica* Specimens collected at different regions in Bulgaria. Comptes Rendus de L'Academie Bulgare des Sciences, 69 (10), 1307-1314., @2016

559. Zlatanov, M., Antova, G., Angelova-Romova, M., **Momchilova, Sv., Taneva, S., Nikolova-Damyanova, B.** Lipid structure of lallemantia seed oil: A potential source of omega-3 and omega-6 fatty acids for nutritional supplements. Journal of the American Oil Chemists' Society, 89, 8, Springer AOCs, 2012, ISSN:0003021X, DOI:10.1007/s11746-012-2042-x, 1393-1401. SJR:0.747, ISI IF:1.861

Цумура се в:

2009. Farida, S.H.M., Radjabian, T., Ranjbar, M., Salami, S.A., Rahmani, N., Ghorbani, A., Fatty Acid Patterns of Seeds of some *Salvia* Species from Iran – A Chemotaxonomic Approach, Chemistry and Biodiversity, 2016, Volume 13 (4), Pages 451-458, @2016

2013

560. **Tsyntsarski, B., Marinov, S., Budinova, T.,** Ferhat Yardim M., **Petrov N.** Synthesis and characterization of activated carbon from natural asphaltites. Fuel Processing Technology, 116, Elsevier, 2013, ISSN:0378-3820, DOI:10.1016/j.fuproc.2013.07.020, 346-349. SJR:1.571, ISI IF:4.031

Цумура се в:

2010. Zhang, H.-H., Ma, C., Tong, J., Hu, Y.-F., Zhao, J., Hu, B., Wang, C.-Y. Effect of potassium sulfate in mineral precursor on capacitance behavior of as-prepared activated carbon, Fuel Processing Technology, vol. 142, pp. 235-241. DOI: 10.1016/j.fuproc.2015.10.023., @2016

2011. Zhang , H., Ma, Ch., Hu, Y., MacLennan, A., Hu, B., Zhao, J., Wang, T., Cheng, C. Effect of sulfate in mineral precursor on capacitance behavior of prepared activated carbon, Journal of Solid State Electrochemistry , vol. 20, No. 12, pp. pp. 3437-3445. DOI: 10.1007/s10008-016-3317-1, @2016

561. **Stefanova, M.,** Kortenski, J., Zdravkov, A., **Marinov, S.P.** Paleoenvironmental settings of the Sofia lignite basin: Insights from coal petrography and molecular indicators. International Journal of Coal Geology, 107, 2013, ISSN:0166-5162, 45-61. SJR:1.352, ISI IF:3.726

Цумура се в:

2012. Bechtel, A., Karayigit, A. I., Bulut, Y., Mastalerz, M., & Sachsenhofer, R. F. (2016). Coal characteristics and biomarker investigations of Dombayova coals of Late Miocene-Pliocene age (Afyonkarahisar-Turkey). Organic Geochemistry. Volume 94, Pages 52–67., @2016

2013. Danica Mitrović , Nataša Đoković , Dragana Životić , Achim Bechtel , Aleksandra Šajnović , Ksenija Stojanović , Petrographical and organic geochemical study of the Kovin lignite deposit, Serbia , International Journal of Coal Geology xxx (2016), @2016

562. Kitazawa, K., Tryfona, T., Yoshimi, Y., Hayashi, Y., Kawauchi, S., **Antonov, L.**, Tanaka, H., Takahashi, T., Kaneko, S., Dupree, P., Tsumuraya, Y., Kotake, T.. b-Galactosyl Yariv Reagent Binds to the b-1,3-Galactan of Arabinogalactan Proteins. *Plant Physiology*, 161, 2013, DOI:10.1104/pp.112.211722, 1117-1126. ISI IF:8.03

Цумура се в:

2014. Ho, G.T.T., Zou, Y.-F., Wangenstein, H., Barsett, H., RG-I regions from elderflower pectins substituted on GalA are strong immunomodulators, *International Journal of Biological Macromolecules*, 2016, Volume 92, Pages 731-738, @2016
2015. Kim, H., Hong, H.-D., Suh, H.-J., Shin, K.-S., Structural and immunological feature of rhamnogalacturonan I-rich polysaccharide from Korean persimmon vinegar, *International Journal of Biological Macromolecules*, 2016, Volume 89, Pages 319-327, @2016
2016. Canut, H., Albenne, C., Jamet, E., Post-translational modifications of plant cell wall proteins and peptides: A survey from a proteomics point of view, *Biochimica et Biophysica Acta - Proteins and Proteomics*, 2016, Volume 1864, Pages 983-990, @2016
2017. Huang, Y., Wang, Y., Tan, L., Sun, L., Petrosino, J., Cui, M.-Z., Hao, F., Zhang, M., Nanospherical arabinogalactan proteins are a key component of the high-strength adhesive secreted by English ivy, *Proceedings of the National Academy of Sciences of the United States of America*, 2016, Volume 113, Pages E3193-E3202, @2016
2018. Pacheco-Villalobos, D., Díaz-Moreno, S.M., van der Schuren, A., Tamaki, T., Kang, Y.H., Gujas, B., Novak, O., Jaspert, N., Li, Z., Wolf, S., Oecking, C., Ljung, K., Bulone, V., Hardtke, C.S., The effects of high steady state auxin levels on root cell elongation in brachypodium, *Plant Cell*, 2016, Volume 28, Pages 1009-1024, @2016
2019. Mizukami, A.G., Inatsugi, R., Jiao, J., Kotake, T., Kuwata, K., Ootani, K., Okuda, S., Sankaranarayanan, S., Sato, Y., Maruyama, D., Iwai, H., Garénaux, E., Sato, C., Kitajima, K., Tsumuraya, Y., Mori, H., Yamaguchi, J., Itami, K., Sasaki, N., Higashiyama, T., The AMOR Arabinogalactan Sugar Chain Induces Pollen-Tube Competency to Respond to Ovular Guidance, *Current Biology*, 2016, Volume 26, Pages 1091-1097, @2016
2020. Pereira, A.M., Nobre, M.S., Pinto, S.C., Lopes, A.L., Costa, M.L., Masiero, S., Coimbra, S., "love Is Strong, and You're so Sweet": JAGGER Is Essential for Persistent Synergid Degeneration and Polytubey Block in *Arabidopsis thaliana*, *Molecular Plant*, 2016, Volume 9, Pages 601-614, @2016
2021. Raimundo, S.C., Avci, U., Hopper, C., Pattathil, S., Hahn, M.G., Popper, Z.A., Immunolocalization of cell wall carbohydrate epitopes in seaweeds: presence of land plant epitopes in *Fucus vesiculosus* L. (Phaeophyceae), *Planta*, 2016, Volume 243, Pages 337-354, @2016
2022. Seyfried, M., Soldera-Silva, A., Bovo, F., Stevan-Hancke, F.R., Maurer, J.B.B., Zawadzki-Baggio, S.F., Pectins of medicinal plants: Structural characteristics and immunomodulatory activities [Pectinas de plantas medicinais: Características estruturais e atividades imunomoduladoras], *Revista Brasileira de Plantas Mediciniais*, 2016, Volume 18, Pages 201-214, @2016
563. Mikheev G. M., **Angelov I. P.**, **Mantareva V. N.**, Mogileva T. N., Mikheev K. G.. Thresholds of optical limiting in solutions of nanoscale compounds of zinc phthalocyanine with galactopyranosyl radicals. *Technical Physics Letters*, 39, 7, Springer, 2013, ISSN:ISSN: 1063-7850 (Print); 1090-6533 (Online), DOI:DOI: 10.1134/S1063785013070195, 664-668. ISI IF:0.574

Цумура се в:

2023. Danilo Dini, Mario J. F. Calvete and Michael Hanack, Nonlinear Optical Materials for the Smart Filtering of Optical Radiation, *Chem. Rev.*, 2016, 116 (22), pp 13043–13233 DOI: 10.1021/acs.chemrev.6b00033, @2016
2024. A. Yu. Tolbin, M. S. Savelyev, A. Yu. Gerasimenko, L. G. Tomilova and N. S. Zefirov. , Thermally stable J-type phthalocyanine dimers as new non-linear absorbers for low-threshold optical limiters; *Phys. Chem. Chem. Phys.*, 2016, 18, 15964-15971 DOI: 10.1039/C6CP01862A, @2016
2025. M. S. Savelyev, A. Yu. Tolbin, A. A. Polokhin, A. Yu. Gerasimenko. Creation of advanced optical limiters based on J-type phthalocyanine dimers and their conjugates with single-walled carbon nanotubes. *Proc. SPIE 9894, Nonlinear Optics and its Applications IV*, 989410 (April 27, 2016); doi:10.1117/12.2222985, @2016
2026. Modest F. Koldunov, Leonid M. Koldunov. Two-parametric scaling law and figures of merit of excited-state absorption of organic dyes, *Optics Communications* (2016), doi /10.1016/j.optcom.2016.10.040, @2016
564. Zakrzewska, M.E., Rosatella, A.A., **Svilen, S.P.**, Afonso, C.A.M., Najdanovic-Visak, V., Nunes da Ponte, M.. Solubility of carbon dioxide in ammonium based CO2-induced ionic liquids. *Fluid Phase Equilibria*, 354, Elsevier, 2013, ISSN:0378-3812, DOI:10.1016/j.fluid.2013.06.011, 19-23. ISI IF:2.2
- Цумура се в:
2027. Lopes, J.M., Sánchez, F.A., Reartes, S.B.R., Bermejo, M.D., Martín, Á., Cocero, M.J., Melting point depression effect with CO2 in high melting temperature cellulose dissolving ionic liquids. Modeling with group contribution equation of state, *Journal of Supercritical Fluids*, 2016, 107, 590-604, @2016
2028. Zhu, X., Zhang, H., Xu, Y., The local composition behavior in binary solutions of diethylamine acetate ionic liquid, *Journal of Molecular Liquids*, 2016, 213, 139-144, @2016
565. **Popova, M., Dimitrova, R.**, Al-Lawati, H. T., Tsvetkova, I., Najdenski, H., **Bankova, V.** Omani propolis: chemical profiling, antibacterial activity and new propolis plant sources. *Chemistry Central Journal*, 7, 158, 2013, DOI:doi:10.1186/1752-153X-7-158, ISI IF:1.663
- Цумура се в:
2029. Al-Ghamdi, A.A., Bayaqoob, N.I.M., Rushdi, A.I., Alattal, Y., Simoneit, B.R.T., El-Mubarak, A.H., Al-Mutlaq, K.F. *Saudi Journal of Biological Sciences* (2016)*, doi: http://dx.doi.org/10.1016/j.sjbs.2016.12.012, @2016
2030. Hakkim, F.L., Achankunju, J., Hasan, S.S. In vitro DPPH radical scavenging and anti-bacterial activity of Oman's cymbopogon. *International Journal of Pharmacy and Pharmaceutical Sciences* 8 (2), pp. 329-331, 2016, @2016
2031. Siheri, W, Zhang T, Ebiloma GU, Biddau M, Woods N, Hussain MY, Clements CJ, Fearnley J, Ebel RE, Paget T, Muller S, Carter KC, Ferro VA, De Koning HP, Watson DG. *PLOS One* 11(5): e0155355 (2016) doi:10.1371/journal.pone.0155355, @2016
2032. Osés, S.M., L. Melgosa, A. Pascual-Maté, M.A. Fernández-Muiño, M.T. Sancho. *Journal of Apicultural Research*, DOI: 10.1080/00218839.2016.1183934 (2016), @2016
2033. Zagmutt, S., Leiva, E., Mujica, V, Wehinger, S. *Journal of Food and Nutrition Research*, 4(6), 400-407 (2016)., @2016
566. **Stefanova, M.**, Ivanov, D., Simoneit, B.R.T.. Paleoenvironmental application of *Taxodium* macrofossil biomarkers from the Bobovdol coal formation, Bulgaria. *International Journal of Coal Geology*, 120,

Цумура се в:

2034. Tramoy, R., Schnyder, J., Nguyen Tu, T.T., (...), Pons, D., Baudin, F. (2016)“ The Pliensbachian-Toarcian paleoclimate transition: New insights from organic geochemistry and C, H, N isotopes in a continental section from Central Asia “Palaeogeography, Palaeoclimatology, Palaeoecology , v.461, pp. 310-327, @2016

567. Stefanova, M.. Molecular indicators of the Oligocene Bobov Dol coal organic matter composition from bitumen analysis and preparative off-line thermochemolysis. International Journal of Coal Geology, 118, Elsevier, 2013, ISSN:0166-5162, 1-7. SJR:1.352, ISI IF:3.726

Цумура се в:

2035. Glombitza, C., Mangelsdorf, K., & Horsfield, B. (2016). Differences in bitumen and kerogen-bound fatty acid fractions during diagenesis and early catagenesis in a maturity series of New Zealand coals. International Journal of Coal Geology, 153, 28-36, @2016

568. Arpadjan, S., **Momchilova, Sv.**, Venelinov, T., Blagoeva, E., Nikolova, M.. Bioaccessibility of Cd, Cu, Fe, Mn, Pb, and Zn in hazelnut and walnut kernels investigated by an enzymolysis approach. Journal of Agricultural and Food Chemistry, 61, 25, ACS Publications, 2013, ISSN:0021-8561, 6086-6091. SJR:1.258, ISI IF:2.912

Цумура се в:

2036. Moreda-Piñeiro, J., Herbello-Hermelo, P., Domínguez-González, R., Bermejo-Barrera, P., Moreda-Piñeiro, A., Bioavailability assessment of essential and toxic metals in edible nuts and seeds, Food Chemistry, 2016, Volume 205, Pages 146-154, @2016

2037. Kafaoglu, B., Fisher, A., Hill, S., Kara, D., Determination and evaluation of element bioaccessibility in some nuts and seeds by in-vitro gastro-intestinal method, Journal of Food Composition and Analysis, 2016, Volume 45, Pages 58-65, @2016

569. Tzankov, B., Yoncheva, K., **Popova, M.**, Szegedi, A., Momekov, G., Mihály, J., Lambov, N.. Indometacin loading and in vitro release properties from novel carbopol coated spherical mesoporous silica nanoparticles. Microporous and Mesoporous Materials, 171, Elsevier, 2013, ISSN:1387-1811, 131-138. ISI IF:3.209

Цумура се в:

2038. Braz, W.R., Rocha, N.L., De Faria, E.H., Silva, M.L.A.E., Ciuffi, K.J., Tavares, D.C., Furtado, R.A., Rocha, L.A., Nassar, E.J, Incorporation of anti-inflammatory agent into mesoporous silica , Nanotechnology, 27 (38), Article number 385103, @2016, @2016

2039. Dolinina, E.S., Vorobyeva, E.V., Parfenyuk, E.V, Development of novel delivery system for warfarin based on mesoporous silica: adsorption characteristics of silica materials for the anticoagulant, Pharmaceutical Development and Technology, 21 (5), pp. 546-553, @2016, @2016

2040. Li, J. , Xu, L. , Wang, H., Comparison of bare and amino modified mesoporous silica@poly(ethyleneimine)s xerogel as indomethacin carrier: Superiority of amino modification, Materials Science and Engineering C, 59, pp. 710-716, @2016, @2016

2041. Li, J. , Xu, L. , Zheng, N., Biomimetic synthesized bimodal nanoporous silica: Bimodal mesostructure formation and application for ibuprofen delivery, Materials Science and Engineering C, 58, pp. 1105-1111, @2016, @2016

570. Bilikova, K., **Popova, M., Trusheva, B., Bankova, V.** New anti-Paenibacillus larvae substances purified from propolis. Apidologie, 44, 2013, 278-285. ISI IF:1.538

Цитирана се в:

2042. Erler, S., Moritz, R. F. A. "Pharmacophagy and pharmacophory: mechanisms of self-medication and disease prevention in the honeybee colony (*Apis mellifera*)", Apidologie 47(3), 389–411 (2016)., @2016
2043. Siheri, W., Zhang, T., Ebiloma, G. U., Biddau, M., Woods, N., Hussain, M. Y., Clements, C. J., Fearnley, J., Ebel, R. E., Paget, T., Muller, S., Carter, K. C., Ferro, V. A., De Koning, H. P., Watson, D. G. "Chemical and antimicrobial profiling of propolis from different regions within Libya", PLoS ONE 11(5), e0155355 (2016)., @2016
2044. Yang, S., Liu, L., Li, D., Xia, H., Su, X., Peng, L., Pan, S. "Use of active extracts of poplar buds against *Penicillium italicum* and possible modes of action", Food Chemistry 196, 610–618 (2016), @2016

571. **Kancheva, V.D.**, Kasaikina, O.T.. Bio-antioxidants – a Chemical Base of their Antioxidant Activity and Beneficial Effect on Human Health. Current Medicinal Chemistry, 20, 37, Benthan Sci, 2013, ISSN:1875-533X (online); 0929-86673 (print), DOI:10.2174/0929867311320999061, 4784-4805. ISI IF:4.12

Цитирана се в:

2045. Turgut, N.H. , Mert, D.G., Kara, H., Egilmez, H.R., Arslanbas, E., Tepe, B., Gungor, H., Yilmaz, N., Tuncel, N.B.; Effect of black mulberry (*Morus nigra*) extract treatment on cognitive impairment and oxidative stress status of d -galactose-induced aging mice; Pharmaceutical Biology; Volume 54, Issue 6, 2 June 2016, Pages 1052-1064, @2016
2046. Matias, M., Silvestre, S., Falcao, A., Alves, G.; *Gastrodia elata* and epilepsy: Rationale and therapeutic potential, Phytomedicine, 23 (2), 2016, 1511-1526, @2016
2047. Feng, J., Lu, L., Dai, C.-M., Wang, D., Yang, Y.-H., Yang, Y.-W., Liu, Y.-S.; Analysis of the diagnostic efficiency of serum oxidative stress parameters in patients with breast cancer at various clinical stages; Chemical biochemistry, 2016 February; doi: 10.1016/j.clinbiochem.2016.02.005, @2016
2048. Topal, F., Nar, M., Gocer, H., Kalin, P., Kocyigit, U.M., Gülçin, I. , Alwasel, S.H.; Antioxidant activity of taxifolin: An activity-structure relationship; Journal of Enzyme Inhibition and Medicinal Chemistry, 31 (4), 2016, 674-683., @2016
2049. Feng, J.-F. , Lu, L., Dai, C.-M. , Wang, D. , Yang, Y.-H. , Yang, Y.-W. , Liu, Y.-S.; Analysis of the diagnostic efficiency of serum oxidative stress parameters in patients with breast cancer at various clinical stages; Clinical Biochemistry, 49 (9), 2016, 692-698., @2016
2050. Velena, A., Zarkovic, H., Gall Troselj, K., Bisenieks, E., Krauze, A., Poikans, J., Duburs, G.; 1, 4-Dihydropyridine Derivatives: Dihydronicotinamide Analogues—Model Compounds Targeting Oxidative Stress; OXIDATIVE MEDICINE AND CELLULAR LONGEVITY 2016(2):1-35 Impact Factor: 3.36 • DOI: 10.1155/2016/1892412, @2016

572. Georgiev, M. I., Ivanovska, N., **Alipieva, K.**, Dimitrova, P., Verpoorte, R.. Harpagoside: from Kalahari Desert to pharmacy shelf.. Phytochemistry, 92, 2013, 8-15. ISI IF:3.05

Цитирана се в:

2051. Parenti, C., Aricò, G. , Pennisi, M., Venditti, A., Scoto, G.M. Harpagophytum procumbens extract potentiates morphine antinociception in neuropathic rats. Natural Product Research, 30

(11), 1248-1255., @2016

2052. Schopohl, P. , Grüneberg, P. , Melzig, M.F. The influence of harpagoside and harpagide on TNF α -secretion and cell adhesion molecule mRNA-expression in IFN γ /LPS-stimulated THP-1 cells, *Fitoterapia*, 110, 157-165., @2016
2053. Piątczak, E. , Kuźma, Ł., Wysokińska, H. The influence of methyl jasmonate and salicylic acid on secondary metabolite production in *Rehmannia glutinosa* Libosch. Hairy root culture. *Acta Biologica Cracoviensia Series Botanica*, 58 (1), 57-65., @2016
2054. West, B.J. , Deng, S., Uwaya, A., Isami, F., Abe, Y., Yamagishi, S.-I., Jensen, C.J. Iridoids are natural glycation inhibitors. *Glycoconjugate Journal*, 33 (4), 671-681., @2016
2055. Mousa, W.K. , Schwan, A.L.. , Raizada, M.N. Characterization of antifungal natural products isolated from endophytic fungi of finger millet (*Eleusine coracana*). *Molecules*, 21 (9), Article number 1171., @2016
2056. Petersen, M. Hydroxycinnamoyltransferases in plant metabolism. *Phytochemistry Reviews*, 15 (5), 699-727., @2016
2057. Mihailović, V. , Kreft, S., Benković, E.T., Ivanović, N., Stanković, M.S. Chemical profile, antioxidant activity and stability in stimulated gastrointestinal tract model system of three *Verbascum* species. *Industrial Crops and Products*, 89, 141-151., @2016
573. Christova, N., Tuleva, B., Kril, A., Georgieva, M., Konstantinov, S., Terziyski, I., Nikolova, B., **Stoineva, I.** Chemical structure and in vitro antitumor activity of rhamnolipids from *Pseudomonas aeruginosa* BN10. *Applied Biochemistry and Biotechnology*, 170, 3, Springer-Verlag, 2013, ISSN:0273-2289, DOI:10.1007/s12010-013-0225-z, 676-689. ISI IF:1.687

Цитупа се в:

2058. Andreadou E., Moschopoulou A. , Simou O. , Lialiaris T. and Pantazaki A., T. thermophilus Rhamnolipids Induce Cytogenetic Damage on Human Lymphocytes and Bind DNA in vitro, *British Biotechnology Journal*, 2016, 10(3): 1-12, Article no.BBJ.21907 ISSN: 2231–2927, @2016
2059. Paulino, B. N., Pessôa, M. G., Mano, M. C. R., Molina, G., Neri-Numa, I. A., & Pastore, G. M. (2016). Current status in biotechnological production and applications of glycolipid biosurfactants. *Applied Microbiology and Biotechnology*, 1-29, @2016
2060. Inès, M., & Dhouha, G. (2016). Glycolipid Biosurfactants; Main Properties and Potential Applications in Agriculture and Food Industry. *Journal of the Science of Food and Agriculture.*, @2016
2061. Gudiña, E. J., Rodrigues, A. I., de Freitas, V., Azevedo, Z., Teixeira, J. A., & Rodrigues, L. R. , Valorization of agro-industrial wastes towards the production of rhamnolipids. *Bioresource Technology.*, @2016
2062. Akiyode, O., George, D., Getti, G., & Boateng, J. , Systematic comparison of the functional physico-chemical characteristics and biocidal activity of microbial derived biosurfactants on blood-derived and breast cancer cells. *Journal of Colloid and Interface Science.*, @2016
574. Kalvachev, Y., Jaber, M., **Mavrodinova, V.**, Dimitrov, L., Nihtianova, D., Valtchev, V.. Seeds-induced fluoride media synthesis of nanosized zeolite Beta crystals. *Microporous and Mesoporous Materials*, 177, Elsevier, 2013, ISSN:13871811, DOI:10.1016/j.micromeso.2013.04.028, 127-134. SJR:1.156, ISI IF:3.359

Цитупа се в:

2063. Kamimura, Y., Shimomura, M., Endo, A., Document CO2 adsorption-desorption properties of

zeolite beta prepared from OSDA-free synthesis, 2016, Microporous and Mesoporous Materials, 219, pp. 125-133, @2016

575. **Tsoncheva, T., Issa, G.,** Blasco, T., **Dimitrov, M., Popova, M.,** Hernández, S., Kovacheva, D., Atanasova, G., López Nieto, J. M.. Catalytic VOCs elimination over copper and cerium oxide modified mesoporous SBA-15 silica. Applied Catalysis A: General, 453, Elsevier, 2013, ISSN:0926-860X, DOI:doi:10.1016/j.apcata.2012.12.007, 1-12. SJR:1.213, ISI IF:3.942

Цумура се в:

2064. Lin, L.-Y. , Bai, H., Promotional effects of manganese on the structure and activity of Ce-Al-Si based catalysts for low-temperature oxidation of acetone , Chemical Engineering Journal, 291, pp. 94-105, @2016, @2016
2065. Yan, Y., Gao, Y., Tang, W., Li, Q., Zhang, J. , Characterization of high-alumina coal fly ash based silicate material and its adsorption performance to CO₂ , Korean Journal of Chemical Engineering, 33 (4), pp. 1369-1379, @2016, @2016
2066. Lin, L.-Y., Bai, H., Salt-induced formation of hollow and mesoporous CoO_x/SiO₂ spheres and their catalytic behavior in toluene oxidation , RSC Advances, 6 (29), pp. 24304-24313, @2016, @2016
2067. Natkański, P., Rokicińska, A., Wach, A., Drozdek, M., Dudek, B., Lityńska-Dobrzyńska, L., Kuśtrowski, P., Physicochemical properties of hydrogel template-synthesized copper(II) oxide-modified clay influencing its catalytic activity in toluene combustion, RSC Advances, 6 (102), pp. 100373-100382, @2016, @2016
576. Gonsalvesh, L., **Marinov, S.P., Stefanova, M.,** Carleer, R., Yperman, J.. Biodesulphurized low rank coal: Maritza east lignite and its humus-like byproduct. Fuel, 103, Elsevier, 2013, ISSN:0016-2361, DOI:doi:10.1016/j.fuel.2012.09.053, 1039-1050. SJR:1.568, ISI IF:4.091

Цумура се в:

2068. Fengli Yua, Chunyu Liua, Bing Yuana, Panhui Xiea, Congxia Xiea, , , Shitao Yub , Energy-efficient extractive desulfurization of gasoline by polyether-based ionic liquids, Fuel, Volume 177, 1 August 2016, Pages 39–45., @2016
577. Pedro, I. de, García-Saiz, A., Ruiz de Larramendi, I., Rojo, T., Afonso, C.A.M., **Simeonov, S.P.,** Waerenborgh, J.C., Blanco, J.A., Ramajo, B., González, J., Fernández, J.R.. Magnetic ionic plastic crystal: choline[FeCl₄]. Physical Chemistry Chemical Physics, 15, RSC Publishing, 2013, ISSN:1463-9076, DOI:10.1039/C3CP50749A, 12724-12733. SJR:1.606, ISI IF:4.493

Цумура се в:

2069. T. Mochida, Y. Funasako, M. Ishida, S. Saruta, T. Kosone, T. Kitazawa, Chemistry - A European Journal, 2016, 22, 15725., @2016
2070. Dong, B., H. Song, W. Zhang, A. He, S. Yao, Current Organic Chemistry, 2016, 20, 2894-2910., @2016
2071. Sanjiv Sonkariaa, Hyung-Tae Kimb, Sung-Yong Kima, Nitee Kumaric, Young Gyu Kimb, Varsha Kharec, Sung-Hoon Ahna, Ionic liquid-induced synthesis of a graphene intercalated ferrocene nanocatalyst and its environmental application, Applied Catalysis B: Environmental 20, 2016, 182, 326-335, @2016
578. Miliovsky, M., Svinyarov, I., **Mitrev, Y.,** Evstatieva, Y., Nikolova, D., Chochkova, N., Bogdanov, M.. A novel one-pot synthesis and preliminary biological activity evaluation of cis-restricted polyhydroxy stilbenes incorporating protocatechuic acid and cinnamic acid fragments. European Journal of Medicinal

Цумура се в:

2072. Ashraf, Z., Kim, D., Seo, S.-Y., Kang, S.K., Crystal structure of 2-(4-acetylanilino)-2-oxoethyl 3-(4-hydroxyphenyl)propionate, Acta Cryst. (2016). E72, 933-936, , @2016
2073. Ismail, T., Shafi, S., Srinivas, J., Sarkar, D., Qurishi, Y., Khazir, J., Alam, M.S., Kumar, H.M.S. Synthesis and tyrosinase inhibition activity of trans-stilbene derivatives (2016) Bioorganic Chemistry, 64, pp. 97-102., @2016
2074. Ashraf, Z., Kim, D., Seo, S.-Y., Kang, S.K. Synthesis and crystal structures of the potential tyrosinase inhibitors N-(4-acetylphenyl)-2-chloroacetamide and 2-(4-acetylanilino)-2-oxoethyl cinnamate (2016) Acta Crystallographica Section C: Structural Chemistry, 72, pp. 94-98., @2016
579. Stoyanova, M.P., Shivachev, B.L., Nikolova, R.P., **Dimitrov, V.** Highly efficient synthesis of chiral aminoalcohols and aminodiols. Tetrahedron: Asymmetry, 24, 21-22, Elsevier Ltd., 2013, ISSN:0957-4166, DOI:10.1016/j.tetasy.2013.08.015, 1426-1434. ISI IF:2.126

Цумура се в:

2075. Asami, M., Hasome, A., Yachi, N., Hosoda, N., Yamaguchi, Y., Ito, S., Enantioselective addition of diethylzinc to aldehydes catalyzed by o-xylylene-type chiral 1, 4-amino alcohols with an amina structure, Tetrahedron Asymmetry, 2016, 27, 322-329., @2016
2076. Gonda, T., Szakonyi, Z., Csámpai, A., Haukka, M., Fülöp, F., Stereoselective synthesis and application of tridentate aminodiols derived from (+)-pulegone, Tetrahedron Asymmetry, 2016, 27, 480-486., @2016
2077. Bang, S., Quy Ha, T.K., Lee, C., Li, W., Oh, W.-K., Shim, S.H., Antiviral activities of compounds from aerial parts of Salvia plebeia R. Br, Journal of Ethnopharmacology, 2016, 192, 398-405., @2016
580. Ahmedova, A., **Simeonov, S., Kurteva, V., Antonov, L.** Tautomerism of 4,4'-dihydroxy-1,1'-naphthalaldazine studied by experimental and theoretical methods. Chemistry Central Journal, 7, 2013, ISSN:1752153X, DOI:10.1186/1752-153X-7-29, 29-1-29-10. SJR:0.55, ISI IF:2.187

Цумура се в:

2078. Katharyn M. Fletcher, PhD thesis, Quantum chemical study of excited state proton transfer in solvated organic molecules, 2016, Ruprecht-Karls-Universität Heidelberg, Germany., @2016
2079. George, L.; Kunhikannan, A. K.; Illathvalappil, R.; Ottoor, D.; Manikandan, C.; Kurungot, S.; Nandini Devi, R.; Understanding electron transfer process in ZnO-naphthol azobenzoic acid composites from photophysical characterisations, Physical Chemistry Chemical Physics, 2016, 18, 22179-22187., @2016
581. Balsamo, M., **Budinova, T., Erto, A., Lancia, A., Petrov, N., Tsyntsarski, B.** CO₂ adsorption onto synthetic activated carbon: Kinetic, thermodynamic and regeneration studies. Separation and Purification Technology, 116, Elsevier, 2013, ISSN:1383-5866, DOI:10.1016/j.seppur.2013.05.041, 214-221. SJR:1.171, ISI IF:3.494

Цумура се в:

2080. Sivadas, D.L., Vijayan, S., Rajeev, R., Ninan, K.N., Prabhakaran, K. Nitrogen-enriched microporous carbon derived from sucrose and urea with superior CO₂ capture performance, Carbon, Vol. 109, pp. 7-18. DOI: 10.1016/j.carbon.2016.07.057., @2016

- 2081.** Rezaei Kalantary, R., Dehghanifard, E., Mohseni-Bandpi, A., Rezaei, L., Esrafil, A., Kakavandi, B., Azari, A. Nitrate adsorption by synthetic activated carbon magnetic nanoparticles: kinetics, isotherms and thermodynamic studies, *Desalination and Water Treatment*, Vol. 57, No. 35, pp. 16445-16455. DOI: 10.1080/19443994.2015.1079251., @2016
- 2082.** Mazlee, M.N. Sustainable catalyst supports for carbon dioxide gas adsorbent, AIP Conference Proceedings, 2nd International Conference on Functional Materials and Metallurgy, ICoFM 2016, 28 May 2016, Penang, Malaysia, Vol. 1756, art. no. 020002. DOI: 10.1063/1.4958745, @2016
- 2083.** Goel, C., Bhunia, H., Bajpai, P.K. Novel nitrogen enriched porous carbon adsorbents for CO₂ capture: Breakthrough adsorption study, *Journal of Environmental Chemical Engineering*, Vol. 4, No 1, pp. 346-356. DOI: 10.1016/j.jece.2015.11.017., @2016
- 2084.** Rashidi, A.M., Kazemi, D., Izadi, N., Pourkhalil, M., Jorsaraei, A., Ganji, E., Lotfi, R., Preparation of nanoporous activated carbon and its application as nano adsorbent for CO₂, *Korean Journal of Chemical Engineering*, Vol. 33, No 2, pp. 616-622. DOI: 10.1007/s11814-015-0149-0., @2016
- 2085.** Saikia, B.K., Das, T., Baruah, B.P., A preliminary report on the formation of graphite from sub-bituminous coal during oxidation in H₂O₂/HCOOH: A new forecast, *International Journal of Oil, Gas and Coal Technology*, Vol., 13, No 3, pp. 292-304. DOI: 10.1504/IJOGCT.2016.79261., @2016
- 2086.** Ben-Mansour, R., Habib, M.A., Bamidele, O.E., Basha, M., Qasem, N.A.A., Peedikakkal, A., Laoui, T., Ali, M. Carbon capture by physical adsorption: Materials, experimental investigations and numerical modeling and simulations - A review. *Applied Energy*, Vol., 161, pp. 225-255. DOI: 10.1016/j.apenergy.2015.10.011., @2016
- 582.** Enchev, V., Markova, N., Stoyanova, M., Petrov, P., Rogozherov, M., Kuchukova, N., Timtcheva, I., Monev, V., Angelova, S., Spassova, M.. Excited state proton transfer in 3,6-bis(4,5-dihydroxyoxazo-2-yl)benzene-1,2-diol. *Chemical Physics Letters*, 43–49, Elsevier, 2013, ISSN:0009-2614, 43-49. ISI IF:1.963
- Цитирана се в:*
- 2087.** E. P. Da Rocha, T. C. Ramalho, *Revista Virtual de Quimica*, 8 (2016) 466-482. DOI: 10.5935/1984-6835.20160034, @2016
- 583.** Tsoncheva, T., Issa, G., Lopez Nieto, J. M., Blasco, T., Concepcion, P., Dimitrov, M., Atanasova, G., Kovacheva, D.. Pore topology control of supported on mesoporous silicas copper and cerium oxide catalysts for ethyl acetate oxidation. *Microporous and Mesoporous Materials*, 180, Elsevier, 2013, ISSN:1387-1811, DOI:doi:10.1016/j.micromeso.2013.06.017, 156-161. SJR:1.156, ISI IF:3.453
- Цитирана се в:*
- 2088.** Qiao, N., Zhang, X., He, C., Cheng, J., Hao, Z., Enhanced performances in catalytic oxidation of o-xylene over hierarchical macro-/mesoporous silica-supported palladium catalysts, 2016, *Frontiers of Environmental Science and Engineering* 10, pp. 458-466, @2016
- 2089.** Lin, L.-Y., Bai, H., Promotional effects of manganese on the structure and activity of Ce-Al-Si based catalysts for low-temperature oxidation of acetone, 2016, *Chemical Engineering Journal* 291, pp. 94-105, @2016
- 584.** Enchev, V., Monev, V., Markova, N., Rogozherov, M., Angelova, S., Spassova, M.. A model system with intramolecular hydrogen bonding: effect of external electric field on the tautomeric conversion and

electronic structures. Computational and Theoretical Chemistry, 1006, Elsevier, 2013, ISSN:2210-271X, 113-122. ISI IF:1.431

Цитира се в:

2090. A. Musa, M. A. Saeed, A. Shaari, Riadh Sahnoun, M. Lawal, Junaid Munir, LINEAR ACENES LINKED THIOPHENE, ELECTRONIC AND CHEMICAL PROPERTIES: PROSPECTS FOR, MOLECULAR ORGANIC ELECTRONIC MATERIAL, Jurnal Teknologi, 78 (2016) 67-72, @2016

2091. F. Ren, D. Cao, W. Shi, J.Mol. Model, 22 (2016) 96, @2016

585. Mavrova, A.T., Wesselinova, D, **Vassilev, N.**, Tsenov, J.A.. Design, synthesis and antiproliferative properties of some new 5-substituted-2-iminobenzimidazole derivatives. European Journal of Medicinal Chemistry, 63, Elsevier B.V., 2013, ISSN:0223-5234, DOI:10.1016/j.ejmech.2013.03.010, 696-701. SJR:1.004, ISI IF:3.447

Цитира се в:

2092. Olayinka O. Ajani, Damilola V. Aderohunmu, Chinwe O. Ikpo, Adebusayo E. Adedapo, and Ifedolapo O. Olanrewaju, Functionalized Benzimidazole Scaffolds: Privileged Heterocycle for Drug Design in Therapeutic Medicine, Arch. Pharm. Chem. Life Sci. 2016, 349, 1–32., @2016

2093. ZarubaeV, V.V., Morkovnik, A.S., Divaeva, L.N., Karpinskaya, L.A., Borodkin, G.S. Tautomeric and non-tautomeric N-substituted 2-iminobenzimidazolines as new lead compounds for the design of anti-influenza drugs: An in vitro study (2016) Bioorganic and Medicinal Chemistry, 24 (22), pp. 5796-5803., @2016

586. Troev, K., Todorov, P., Naydenova, E., Mitova, V., **Vassilev, N.** A study of the reaction of phosphorus trichloride with paraformaldehyde in the presence of carboxylic acids. Phosphorus, Sulfur and Silicon and the Related Elements, 188, 9, Taylor & Francis Group, 2013, ISSN:1042-6507 (Print), 1563-5325 (Online), DOI:10.1080/10426507.2012.745078, 1147-1155. SJR:0.223, ISI IF:0.561

Цитира се в:

2094. Chmielewska, E., Kafarski, P., Synthetic procedures leading towards aminobisphosphonates (2016) Molecules, 21 (11), 1474., @2016

587. Zoppi, A., Trigari, S., Giorgetti, E., Muniz-Miranda, M., Alloisio, M., Demartini, A., Dellepiane, G., Thea, S., **Dobrikov, G.**, Timtcheva, I. Functionalized Au/Ag nanocages as a novel fluorescence and SERS dual probe for sensing. Journal of Colloid and Interface Science, 407, 1, Elsevier, 2013, ISSN:00219797, DOI:10.1016/j.jcis.2013.06.012, 89-94. SJR:1.095, ISI IF:3.514

Цитира се в:

2095. Ghosh Chaudhuri, R., Paria, S., Au and Ag/Au double-shells hollow nanoparticles with improved near infrared surface plasmon and photoluminescence properties. Journal of Colloid and Interface Science, 2016, Volume 461, Pages 15-19, @2016

588. **Popova, M., Trusheva, B.,** Khismatullin, R., Gavrilova, N., Legotkina, G., Lyapunov, J., **Bankova, V.** The Triple Botanical Origin of Russian Propolis from the Perm Region, Its Phenolic Content and Antimicrobial Activity. Natural Product Communications, 8, 5, 2013, 617-620. ISI IF:0.924

Цитира се в:

2096. Anđelković, B., Vujisić, L., Vučković, I., Tešević, V., Vajs, V., Gođevac, D. “Metabolomics study of Populus type propolis”, J Pharmaceut Biomed Anal, In Press, doi:

2097. Isidorov, V. A., Bakier, S., Pirożnikow, E., Zambrzycka, M., Swiecicka, I. "Selective Behaviour of Honeybees in Acquiring European Propolis Plant Precursors", J Chem Ecol 42(6), 475–485, @2016

589. Trendafilova, A., Todorova, M., Evstatieva, L., **Antonova, D..** Variability in the essential oil composition of *Sideritis scardica* Griseb. from native Bulgarian populations. Chemistry & Biodiversity, 10, 3, Verlag Helvetica Chimica Acta AG, 2013, ISSN:1612-1880, DOI:10.1002/cbdv.201200282, 484-492. SJR:0.641, ISI IF:1.795

Цитупа се в:

2098. Zengin, G., Sarıkürkçü, C., Aktümsek, A., Ceylan, R., Antioxidant potential and inhibition of key enzymes linked to Alzheimer's diseases and diabetes mellitus by monoterpene-rich essential oil from *Sideritis galatica* Bornm. Endemic to Turkey, Records of Natural Products, 2016, Volume 10, Pages 195-206, @2016

2099. Latté, K.P. *Sideritis scardica* Griseb (2016) Zeitschrift fur Phytotherapie, 37 (2), pp. 85-91., @2016

590. Dobrikov, G.M., Valcheva, V., **Nikolova, Y.,** Ugrinova, I., Pasheva, E., **Dimitrov, V..** Efficient synthesis of new (R)-2-amino-1-butanol derived ureas, thioureas and acylthioureas and in vitro evaluation of their antimycobacterial activity. European Journal of Medicinal Chemistry, 63, Elsevier, 2013, ISSN:02235234, DOI:10.1016/j.ejmech.2013.02.034, 468-473. SJR:1.004, ISI IF:3.781

Цитупа се в:

2100. Esra Tatar, Sevgi Karakuş, Şükriye Güniz Küçükgülzel, Sinem Öktem Okullu, Nihan Ünübol, Tanıl Kocagöz, Erik De Clercq, Graciela Andrei, Robert Snoeck, Christophe Pannecouque, Sadık Kalaycı, Fikrettin Şahin, Dharmarajan Sriram, Perumal Yogeewari and İlkey Küçükgülzel. Design, Synthesis, and Molecular Docking Studies of a Conjugated Thiadiazole–Thiourea Scaffold as Antituberculosis Agents. Biological and Pharmaceutical Bulletin, 2016, volume 39, pages 502–515. DOI: 10.1248/bpb.b15-00698, @2016

591. Conti, B., Bufalo, M.C., de Assis Golim, M., **Bankova, V.,** Sforcin, J. M.. Cinnamic Acid Is Partially Involved in Propolis Immunomodulatory Action on Human Monocytes.. Evidence-Based Complementary and Alternative Medicine, 2013, Article ID 109864, 2013, 7 pages-7 pages. ISI IF:2.175

Цитупа се в:

2101. Zhu, B., B. Shang, Y. Li, Y. Zhen. Molecular Medicine Reports, 13(5), 4159-4166. DOI: 10.3892/mmr.2016.5041, @2016

2102. Alday, E., M. Navarro-Navarro, A. Garibay-Escobar, R. Robles-Zepeda, J. Hernandez, C. Velazquez. In : Chambo, E.D. (Editor) "Beekeeping and Bee Conservation - Advances in Research", ISBN 978-953-51-2412-2, Print ISBN 978-953-51-2411-5, INTECH, 2016*, @2016

592. Todorova, M., Trendafilova, A., Dimitrov, D.. Essential oil composition of *Seseli rigidum* Waldst. from Bulgaria. Comptes rendus de l'Academie bulgare des Sciences, 66, 7, BAS, 2013, ISSN:1310–1331, 991-996. SJR:0.202, ISI IF:0.198

Цитупа се в:

2103. Jovanović, V.S., Simonović, S., Ilić, M., Marković, M., Mitić, V., Djordjević, A., Nikolić-Mandić, S. Chemical composition, antimicrobial and antioxidant activities of *seseli pallasii* besser. (syn *seseli varium* trev.) essential oils (2016) Records of Natural Products, 10 (3), pp.

- 593. Tsoncheva, T., Issa, G.,** Blasco, T., Concepcion, P., **Dimitrov, M.,** Hernández, S., Kovacheva, D., Atanasova, G., López Nieto, J. M.. Silica supported copper and cerium oxide catalysts for ethyl acetate oxidation. Journal of Colloid and Interface Science, 404, Elsevier, 2013, ISSN:0021-9797, DOI:doi:10.1016/j.jcis.2013.05.005, 155-160. SJR:1.095, ISI IF:3.368

Цитирана се в:

- 2104.** Hua, Z., Dai, Z., Bai, X., Ye, Z., Wang, P., Gu, H., Huang, X. Copper nanoparticles sensitized TiO₂ nanotube arrays electrode with enhanced photoelectrocatalytic activity for diclofenac degradation, 2016, Chemical Engineering Journal Volume 283, 1 January 2016, Pages 514–523, @2016
- 2105.** Xu, C., Hao, X., Gao, M., Su, H., Zeng, S., "Important properties associated with catalytic performance over three-dimensionally ordered macroporous CeO₂-CuO catalyst", Catalysis Communications 73 (2016) pp. 113-117., @2016
- 2106.** Zhou, X., Su, T., Jiang, Y., Ji, H., Guo, Z., CuO-Fe₂O₃-CeO₂/HZSM-5 bifunctional catalyst hydrogenated CO₂ for enhanced dimethyl ether synthesis, 2016, Chemical Engineering Science 153, pp. 10-20, @2016
- 2107.** Baojuan, D., Shumin, L., Deliang, L., Qinglan, H., Feng, B., Catalytic oxidation of ethyl acetate and toluene over Cu-Ce-Zr supported ZSM-5/TiO₂ catalysts, 2016, RSC Advances 6 59, pp. 53852-53859, @2016
- 594. Todorova, M., Trendafilova, A.,** Javsmas, N., Altantsetseg, S., Shatar, S.. A new cembrane glycoside in *Asterothamnus centrali-asiaticus* from Gobi desert. Journal of Asian Natural Products Research, 15, 9, Taylor & Francis, 2013, ISSN:1028-6020, DOI:10.1080/10286020.2013.824426, 1060-1063. SJR:0.401, ISI IF:0.968

Цитирана се в:

- 2108.** Wang, Y.-M., Zhao, J.-Q., Yang, J.-L., Tao, Y.-D., Mei, L.-J., Shi, Y.-P. Isolation and Identification of Saponins from the Natural Pasture *Asterothamnus centrali-asiaticus* Employing Preparative Two-Dimensional Reversed-Phase Liquid Chromatography/Hydrophilic Interaction Chromatography (2016) Journal of Agricultural and Food Chemistry, 64 (24), pp. 4950-4957, @2016
- 2109.** Wang, Y.-M., Zhao, J.-Q., Zhou, S.-Y., Yang, J.-L., Yao, X.-J., Tao, Y.-D., Mei, L.-J., Shi, Y.-P. New sesquiterpenes and benzofuran derivatives from the aerial parts of *Asterothamnus centrali-asiaticus* (2016) Tetrahedron, 72 (32), pp. 4910-4917, @2016
- 2110.** Wang, Y.-M., Zhao, J.-Q., Yang, C.-Y., Tao, Y.-D., Mei, L.-J., Shi, Y.-P. Anti-oxidant components from the aerial parts of *Asterothamnus centrali-asiaticus* (2016) Phytochemistry Letters, 17, pp. 71-74., @2016
- 595. Angelova-Romova, M., Zlatanov, M., Antova, G., Momchilova, Sv.,** Blagoeva, E., Nikolova, M.. Phospholipids content and composition of hazelnut and walnut cultivars grown in Bulgaria. Comptes rendus de l'Académie bulgare des Sciences, 66, 12, Издателство на БАН "Проф. Марин Дринов", 2013, ISSN:1310-1331, 1689-1694. SJR:0.206, ISI IF:0.284

Цитирана се в:

- 2111.** Buré, C., Solgadi, A., Yen-Nicolaÿ, S., Bardeau, T., Libong, D., Abreu, S., Chaminade, P., Subra-Paternault, P., Cansell, M., Electrospray mass spectrometry as a tool to characterize phospholipid composition of plant cakes, European Journal of Lipid Science and Technology, 2016, Volume 118 (9), Pages 1282-1292, @2016

- 596. Mantareva, V. N., Angelov, I.,** Wohrle, D., Borisova, E., Kussovski, V.. Metallophthalocyanines for antimicrobial photodynamic therapy: An overview of our experience.. J. Porphyrins Phthalocyanines, 17, 6-7, World Scientific, 2013, ISSN:1088-4246 (print); 1099-1409 (online), DOI:10.1142/S1088424613300024, 399-416. ISI IF:1.397

Цитупа се в:

- 2112.** Italo Rodrigo Calori, Antonio Claudio Tedesco, Lipid vesicles loading aluminum phthalocyanine chloride: Formulation properties and disaggregation upon intracellular delivery, J. Photochem. Photobiol. B: Biol., 160, 2016, 240-247, @2016

- 597. Denev P.,** Lojek A., Ciz M, **Kratchanova M..** Antioxidant activity and polyphenol content of Bulgarian fruits. Bulgarian Journal of Agricultural Science, 19, 1, 2013, 22-27. SJR:0.171, ISI IF:0.136

Цитупа се в:

- 2113.** Akin, M., Eyduran, S.P., Ercisli, S., Kapchina-Toteva, V., Eyduran, E. (2016) Phytochemical profiles of wild blackberries, black and white mulberries from southern Bulgaria. Biotechnology and Biotechnological Equipment, 30 (5), pp. 899-906., @2016

- 598. Slavov A,** Karagyozev V., **Denev P., Kratchanova M.,** Kratchanov Chr.. Antioxidant activity of red beet juices obtained after microwave and thermal pretreatments. Czech Journal of Food Sciences, 31, 2, 2013, 139-147. SJR:0.395, ISI IF:0.741

Цитупа се в:

- 2114.** Saani M., Lawrence R (2016) Evaluation of pigments as antioxidant and antibacterial agents from Beta vulgaris linn. International Journal of Current Pharmaceutical Research, 8(3), 77-81, @2016

- 599. Nikolova M.,** Ambrozova G., **Kratchanova M., Denev P.,** Kussovski V., Ciz M, Lojek A.. Effects of pectic polysaccharides isolated from leek on the production of reactive oxygen and nitrogen species by phagocytes. Journal of Medicinal Food, 16, 8, Mary Ann Liebert, 2013, 711-718. SJR:0.55, ISI IF:1.699

Цитупа се в:

- 2115.** Zhang, W.-N., Zhang, H.-L., Lu, C.-Q., Luo, J.-P., Zha, X.-Q. (2016) A new kinetic model of ultrasound-assisted extraction of polysaccharides from Chinese chive. Food Chemistry, 212, pp. 274-281., @2016

- 2116.** Boukemara H., Hurtado-Nedelec M., Marzaioli V., Bendjeddou D., El Benna J., Marie J-C (2016) Anvillea garcinii extract inhibits the oxidative burst of primary human neutrophils. BMC Complementary and Alternative Medicine, 3;16(1):433., @2016

- 600. Idakieva, K., Raynova, Y.,** Meersman, F., Gielens, C.. Phenoloxidase activity and thermostability of Cancer pagurus and Limulus polyphemus hemocyanin. Comparative Biochemistry and Physiology part B, 2013, ISSN:1096-4959, ISI IF:1.831

Цитупа се в:

- 2117.** Le Bris, C., Cudennec, B., Dhulster, P., Drider, D., Duflos, G., Grard, J., J. Agric. Food Chem., 64 (3) 663-670, @2016

- 2118.** Khalil, M., Boubegtiten-Fezoua, Z., Hellmann, N., Hellwig, P., Phys. Chem. Chem. Phys., 18, 28732-28739, @2016

- 601. Raynova, Y.,** Doumanova, L., **Idakieva, K..** Phenoloxidase activity of Helix aspersa maxima (garden

Цумура се в:

2119. Chen, J., Yu, X., Huang, Y., Spectrochimica Acta-Part A, 168, 111-117, @2016

2120. Suwannatrai, K., Apiporn Suwannatrai, Pairat Tabsripair, et al., PLoS Neglected Tropical Diseases 11/2016; 10(11). DOI:10.1371/journal.pntd.0005104, @2016

602. **Marinova, M., Kostova, K.,** Tzvetkova, P., **Tavlinova-Kirilova, M.,** Chimov, A., Nikolova, R., Shivachev, B., **Dimitrov, V..** Synthesis of 1,3-aminonaphthols by diastereoselective Betti-type aminoalkylation of dihydroxy naphthalenes; Diastereoselectivity, absolute configuration, and application. Tetrahedron Asymmetry, 24, 23, Elsevier, 2013, ISSN:09574166, DOI:10.1016/j.tetasy.2013.09.023, 1453-1466. SJR:0.669, ISI IF:2.38

Цумура се в:

2121. Asami, M. , Hasome, A., Yachi, N., Hosoda, N., Yamaguchi, Y., Ito, S., Enantioselective addition of diethylzinc to aldehydes catalyzed by o-xylylene-type chiral 1, 4-amino alcohols with an amina structure, Tetrahedron Asymmetry, 2016, 27, 322-329., @2016

2122. Kodama, K., Hayashi, N., Yoshida, Y., Hirose, T., Direct enantioselective separation of diarylmethylamines with an orthohydroxy group via diastereomeric salt formation and their application to the enantioselective addition reaction of diethylzinc, Tetrahedron 2016, 72, 1387-1394., @2016

603. **Simeonov, S.P.,** Coelho, J.A.S., Afonso, C.A.M.. Integrated chemo-enzymatic production of 5-hydroxymethylfurfural from glucose. ChemSusChem, 6, Wiley, 2013, ISSN:1864-5631, DOI:10.1002/cssc.201300176, 997-1000. SJR:2.598, ISI IF:7.483

Цумура се в:

2123. P. Zhou, Z. Zhang, Catalysis Science and Technology, 2016, 6, 3694., @2016

604. **Dolashka, P.,** Voelter, W.. Antiviral activity of hemocyanins. Global Journal of Pharmacology, 8, 2, IDOSI Publications, 2013, ISSN:1992-0075, DOI:10.5829/idosi.gjp.2014.8.2.82299, 206-212. SJR:0.9, ISI IF:1.059

Цумура се в:

2124. Abalone hemocyanin blocks the entry of herpes simplex virus 1 into cells: A potential new antiviral strategy ., @2016

2125. Drug, bio-affecting and body treating compositions extract, body fluid, or cellular material of undetermined constitution derived from animal is active ingredient derived from arthropod (e.g., insect, spider, crustacea, etc.), @2016

2126. Immunological properties of oxygen-transport proteins: hemoglobin, hemocyanin and hemerythrin., @2016

2127. METHOD OF TREATING VIRAL DISEASES, @2016

605. Krumova, S., Motyka, V., Dobrev, P., **Todorova, M., Trendafilova, A.,** Evstatieva, L., **Danova, K..** Terpenoid profile of artemisia Alba is related to endogenous cytokinins in vitro (Article). Bulgarian Journal of Agricultural Science, 19, 2, 2013, ISSN:1310-0351, 26-30. ISI IF:0.3

Цумура се в:

2128. Worakan P , Karaket N, Maneejantra N , Supaibulwatana K (2016) A Phenylurea Cytokinin, CPPU, Elevated Reducing Sugar and Correlated to Andrographolide Contents in Leaves of *Andrographis paniculata* (Burm. F.) Wall. Ex Nees. *Appl Biochem Biotechnol.* doi:10.1007/s12010-016-2238-x, @2016

606. Subbiah, S., **Simeonov, S.P.**, Esperança, J.M.S.S., Rebelo, L.P.N., Afonso, C.A.M.. Direct transformation of 5-hydroxymethylfurfural to the building blocks 2,5-dihydroxymethylfurfural (DHMF) and 5-hydroxymethyl furanoic acid (HMFA) via Cannizzaro reaction. *Green Chemistry*, 15, RSC Publishing, 2013, ISSN:1463-9262, DOI:10.1039/C3GC40930A, 2849-2853. SJR:2.154, ISI IF:8.02

Цитупа се в:

2129. Arias, K. S., M. J. Climent, A. Corma, S. Iborra, *Topics in Catalysis*, 2016, 59, 1257-1265., @2016

2130. Chen, M. Y., C. B. Chen, B. Zada, Y. Fu, *Green Chemistry*, 2016, 18, 3858-3866., @2016

2131. Delidovich, I., P. J. C. Hausoul, L. Deng, R. Pfützenreuter, M. Rose, R. Palkovits, *Chemical Reviews*, 2016, 116, 1540-1599., @2016

2132. Deng, Q., J. Xu, P. Han, L. Pan, L. Wang, X. Zhang, J. J. Zou, *Fuel Processing Technology*, 2016, 148, 361-366., @2016

2133. Galkin, K. I., E. A. Krivodaeva, L. V. Romashov, S. S. Zalesskiy, V. V. Kachala, J. V. Burykina, V. P. Ananikov, *Angewandte Chemie - International Edition*, 2016, 55, 8338-8342., @2016

2134. Hao, W., W. Li, X. Tang, X. Zeng, Y. Sun, S. Liu, L. Lin, *Green Chemistry*, 2016, 18, 1080-1088., @2016

2135. Jia, X., J. Ma, M. Wang, H. Ma, C. Chen, J. Xu, *Green Chemistry*, 2016, 18, 974-978., @2016

2136. Naseem, A., S. Tabasum, K. M. Zia, M. Zuber, M. Ali, A. Noreen, *International Journal of Biological Macromolecules*, 2016, 93, 296-313., @2016

2137. Rout, P. K., A. D. Nannaware, O. Prakash, A. Kalra, R. Rajasekharan, *Chemical Engineering Science*, 2016, 142, 318-346., @2016

2138. Shi, J., Y. Wang, X. Yu, W. Du, Z. Hou, *Fuel*, 2016, 163, 74-79., @2016

2139. Shi, J., Wang, Y., Yu, X., Du, W., Hou, Z., Production of 2, 5-dimethylfuran from 5-hydroxymethylfurfural over reduced graphene oxides supported Pt catalyst under mild conditions, *Fuel*, 2016, 163, 74-79, @2016

2140. Neațu, F., Marin, R.S., Florea, M., Petrea, N., Pavel, O.D., Pârvulescu, V.I., Selective oxidation of 5-hydroxymethyl furfural over non-precious metal heterogeneous catalysts, *Applied Catalysis B: Environmental*, 2016, 180, 751-757, @2016

607. Stoyanova, E., Mitova, V., **Shestakova, P.**, Kowalczyk, A., Momekov, G., Momekova, D., Marcinkowski, A., Koseva, N.. Reversibly PEGylated nanocarrier for cisplatin delivery. *Journal of Inorganic Biochemistry*, 120, Elsevier, 2013, ISSN:0162-0134, DOI:10.1016/j.jinorgbio.2012.12.005, 54-62. ISI IF:3.447

Цитупа се в:

2141. Qiu, J., Zhang, H., Wang, Z., Liu, S., Regenstein, J.M. Response surface methodology for the synthesis of an *Auricularia auriculajudae* polysaccharides-CDDP complex. *International Journal of Biological Macromolecules*, 93, 333-343, (2016), @2016

608. Todorova, M., Trendafilova, A., Evstatieva, L., **Antoanova, D.** Volatile components in *Sideritis*

scardica griseb. cultivar. Comptes Rendus de L'Academie Bulgare des Sciences, 66, 4, Publishing House of BAS, 2013, ISSN:1310-1331, 507-512. SJR:0.206, ISI IF:0.198

Цумура се в:

2142. Latté, K.P. Sideritis scardica Griseb (2016) Zeitschrift fur Phytotherapie, 37 (2), pp. 85-91., @2016

609. Szegedi, A., **Popova, M.**, Lázár, K. D., Klébert, S., Drotár, E.. Impact of silica structure of copper and iron-containing SBA-15 and SBA-16 materials on toluene oxidation. Microporous and Mesoporous Materials, 177, Elsevier, 2013, ISSN:1387-1811, 97-104. ISI IF:3.209

Цумура се в:

2143. Cruz, P. , Pérez, Y. , Del Hierro, I., Copper, copper oxide nanoparticles and copper complexes supported on mesoporous SBA-15 as catalysts in the selective oxidation of benzyl alcohol in aqueous phase, Microporous and Mesoporous Materials, 220, pp. 136-147, @2016, @2016

2144. Karthikeyan, S., Pachamuthu, M.P., Isaacs, M.A., Kumar, S., Lee, A.F., Sekaran, G., Cu and Fe oxides dispersed on SBA-15: A Fenton type bimetallic catalyst for N, N-diethyl-p-phenyl diamine degradation , Applied Catalysis B: Environmental, 199, pp. 323-330, @2016, @2016

2145. Rokicińska, A., Natkański, P., Dudek, B., Drozdek, M., Lityńska-Dobrzyńska, L., Kuśtrowski, P., Co3O4-pillared montmorillonite catalysts synthesized by hydrogel-assisted route for total oxidation of toluene, Applied Catalysis B: Environmental, 195, pp. 59-68, @2016, @2016

2146. Lin, L.-Y.a, Bai, H., Promotional effects of manganese on the structure and activity of Ce-Al-Si based catalysts for low-temperature oxidation of acetone , Chemical Engineering Journal, 291, pp. 94-105, @2016, @2016

610. Frade, R.F.M., **Simeonov, S.P.**, Rosatella, A.A., Siopa, F., Afonso, C.A.M.. Toxicological evaluation of magnetic ionic liquids in human cell lines. Chemosphere, 92, Elsevier, 2013, ISSN:0045-6535, DOI:10.1016/j.chemosphere.2013.02.047, 100-105. SJR:1.409, ISI IF:3.591

Цумура се в:

2147. T. Chatzimitakos, C. Binellas, K. Maidatsi, C. Stalikas, Analytica Chimica Acta, 2016, 910, 53-59., @2016

2148. K. D. Clark, O. Nacham, J. A. Purslow, S. A. Pierson, J. L. Anderson, Analytica Chimica Acta, 2016, 934, 9-21., @2016

2149. A. Joseph, G. Zyla, V. I. Thomas, P. R. Nair, A. S. Padmanabhan, S. Mathew, Journal of Molecular Liquids, 2016, 218, 319-331., @2016

2150. R. Su, M. Xie, H. Li, Q. Deng, Chinese Journal of Chromatography (Se Pu), 2016, 34, 545-549., @2016

2151. A. A. C. Toledo Hijo, G. J. Maximo, M. C. Costa, E. A. C. Batista, A. J. A. Meirelles, ACS Sustainable Chemistry and Engineering, 2016, 4, 5347-5369., @2016

611. Stavrakov , G., Valcheva, V., **Philipova, I.**, Doytchinova, I.. Novel camphane-based anti-tuberculosis agents with nanomolar activity. European Journal of Medicinal Chemistry, 70, Elsevier, 2013, ISSN:0223-5234, DOI:10.1016/j.ejmech.2013.10.015, 372-379. SJR:1.004, ISI IF:3.946

Цумура се в:

2152. E. A. Shokova, J. K. Kim, V. V. Kovalev Russian Journal of Organic Chemistry 2016, 52, 471–499. Camphor and Its Derivatives. Unusual Transformations and Biological Activity, @2016

2153. A. S. Sokolova, O. I. Yarovaya, D. S. Baev, A. V. Shernyukov, A. A. Shtro, V. V. Zarubaev, N. F. Salakhutdinov; European Journal of Medicinal Chemistry 2016, 20, 667-676. Aliphatic and alicyclic camphor imines as effective inhibitors of influenza virus H1N1, @2016

2014

612. Szegedi, A., **Popova, M.**, Makk, J., Mihály, J., **Shestakova**. Silver- and sulfadiazine-loaded nanostructured silica materials as potential replacement of silver sulfadiazine. Journal of Materials Chemistry B, 2, 37, Royal Society of Chemisrty, 2014, 6283-6292. ISI IF:4.726

Цумупа се в:

2154. Wan, X., Zhuang, L., She, B., Deng, Y., Chen, D., Tang, J., In-situ reduction of monodisperse nanosilver on hierarchical wrinkled mesoporous silica with radial pore channels and its antibacterial performance, Materials Science and Engineering C, 65, pp. 323-330, @2016, @2016
2155. Kumar, T.S.S. , Madhumathi, K., Antibiotic delivery by nanobioceramics, Therapeutic Delivery, 7 (8), pp. 573-588, @2016, @2016
2156. Li, P. , Wu, L. , Li, B., Highly water-dispersible silver sulfadiazine decorated with polyvinyl pyrrolidone and its antibacterial activities, Materials Science and Engineering C, 60, pp. 54-59, @2016, @2016

613. **Manolova, Y., Deneva, V., Antonov, L.**, Drakalska, E., Momekova, D., Lambov, N.. The effect of the water on the curcumin tautomerism: A quantitative approach. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 132, 1, 2014, DOI:10.1016/j.saa.2014.05.096, 815-820. SJR:0.595, ISI IF:2.353

Цумупа се в:

2157. Slabber, C.A., Grimmer, C.D., Robinson, R.S., Solution Conformations of Curcumin in DMSO, Journal of Natural Products, 2016, Volume 79, Pages 2726-2730, @2016
2158. Zhang, L., Kong, X.-J., Wang, Z.-Q., Xu, F.-S., Zhu, Y.-T., A study on neuroprotective effects of curcumin on the diabetic rat brain, Journal of Nutrition, Health and Aging, 2016, Volume 20, Pages 835-840, @2016
2159. Xia, J., Wang, H., Zhang, Q.-M., Zheng, Z., Han, Z.-M., The therapeutic effect of curcumin in male albino rats and its putative mechanisms on cerebral microvascular flow, Brain Research, 2016, Volume 1642, Pages 131-135, @2016
2160. Chang, X.-R., Wang, L., Li, J., Wu, D.-S., Analysis of anti-depressant potential of curcumin against depression induced male albino wistar rats, Brain Research, 2016, Volume 1642, Pages 219-225, @2016
2161. Anjomshoa, S., Namazian, M. , Noorbala, M.R., The Effect of Solvent on Tautomerism, Acidity and Radical Stability of Curcumin and Its Derivatives Based on Thermodynamic Quantities, Journal of Solution Chemistry, 2016, Volume 45, Pages 1021-1030, @2016
2162. Zhang, W., Jiang, P., Chen, Y., Luo, P., Li, G., Zheng, B., Chen, W., Mao, Z., Gao, C., Suppressing the cytotoxicity of CuO nanoparticles by uptake of curcumin/BSA particles, Nanoscale, 2016, Volume 8, Pages 9572-9582, @2016
2163. Jankun, J., Wyganowska-Swiatkowska, M., Dettlaff, K., JelinSka, A., Surdacka, A., Watróbska-Swietlikowska, D., Skrzypczak-Jankun, E., Determining whether curcumin degradation/condensation is actually bioactivation (Review), International Journal of Molecular

- 2164.** Carvalho, A.C., Gomes, A.C., Pereira-Wilson, C., Lima, C.F., Mechanisms of Action of Curcumin on Aging: Nutritional and Pharmacological Applications, Molecular Basis of Nutrition and Aging: A Volume in the Molecular Nutrition Series, 2016, Pages 491-511, @2016
- 2165.** Zhu, J.-H., Zhao, X., Yang, J., Tan, Y.-T., Zhang, L., Liu, S.-P., Liu, Z.-F., Hu, X.-L., Selective colorimetric and fluorescent quenching determination of uranyl ion via its complexation with curcumin, Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, Volume 159, Pages 146-150, @2016
- 2166.** Pulido-Moran, M., Moreno-Fernandez, J., Ramirez-Tortosa, C., Ramirez-Tortosa, M.C., Curcumin and health, Molecules, 2016, Volume 21, Article number 264, @2016
- 2167.** Pawar, N., Rawat, K., Bohidar, H.B., Self-assembly of synthetic liposome-like curcumin nanoparticles, RSC Advances, 2016, Volume 6, Pages 73677-73682, @2016
- 2168.** Foti, M.C., Slavova-Kazakova, A., Rocco, C., Kancheva, V.D., Kinetics of curcumin oxidation by 2, 2-diphenyl-1-picrylhydrazyl (DPPH): An interesting case of separated coupled proton-electron transfer, Organic and Biomolecular Chemistry, 2016, Volume 14, Pages 8331-8337, @2016
- 2169.** Banerjee, E.R., Perspectives in translational research in life sciences and biomedicine: Translational outcomes research in life sciences and translational medicine, volume 1, Translational Medicine, 2016, Volume 1, Pages 1-270, @2016
- 614.** Nedzhib, A., Stoykova, S., Atanasov, V., Pantcheva, I., **Antonov, L.** Pd(II) complexes of acetylcholinesterase reactivator obidoxime. Interdisciplinary Toxicology, 7, 3, 2014, DOI:10.2478/intox-2014-0019, 139-145

Цумура се в:

- 2170.** Gorecki, L., Korabecny, J., Musilek, K., Malinak, D., Nepovimova, E., Dolezal, R., Jun, D., Soukup, O., Kuca, K., SAR study to find optimal cholinesterase reactivator against organophosphorous nerve agents and pesticides, Archives of Toxicology, 2016, Volume 90, Pages 2831-2859, @2016
- 615.** **Alipieva, K.**, Erdogan Orhan, I., Tatli Cankaya, I.I., Kostadinova, E.P., Georgiev, M.I. Treasure from garden: chemical profiling, pharmacology and biotechnology of mulleins. Phytochemistry Reviews, 13, 2, Springer, 2014, ISSN:1572-980X, DOI:10.1007/s11101-014-9361-5, 417-444. ISI IF:2.894

Цумура се в:

- 2171.** Mihailović, V., Kreft, S., Benković, E.T., Ivanović, N., Stanković, M.S. Chemical profile, antioxidant activity and stability in stimulated gastrointestinal tract model system of three Verbascum species. Industrial Crops and Products, 89, 141-151., @2016
- 616.** Macroccia, D., Georgiev, M.I., **Alipieva, K.I.**, Lorenzetti, S.. Inhibition of the DHT-induced PSA secretion by Verbascum xanthophoeniceum and Serenoa repens extracts in human LNCaP prostate epithelial cells. Journal of Ethnopharmacology, 155, 1, Elsevier, 2014, ISSN:0378-8741, DOI:10.1016/j.jep.2014.06.003, 616-625. ISI IF:2.939

Цумура се в:

- 2172.** Xue, Z. , Yang, B. Phenylethanoid glycosides: Research advances in their phytochemistry, pharmacological activity and pharmacokinetics. Molecules, 21 (8), Article number 21080991, @2016

2173. Minutoli, L., Rinaldi, M., Marini, H., Irrera, N., Crea, G., Lorenzini, C., Puzzolo, D., Valenti, A., Pisani, A., Adamo, E.B., Altavilla, D., Squadrito, F., Micali, A. Apoptotic pathways linked to endocrine system as potential therapeutic targets for benign prostatic hyperplasia. International Journal of Molecular Sciences, 17 (18), Article number 1311, @2016

617. Gonsalvesh, L., **Stefanova, M., Marinov, S.P.**, Carleer, R., Yperman, J.. Geochemical study of maltenes from coal biodesulphurisation. Fuel, 135, Elsevier, 2014, ISSN:0016-2361, 332-339. SJR:1.571, ISI IF:4.031

Цитупа ce в:

2174. Srabani Mishra, Nilotpala Pradhan, Sandeep Panda, A.Akcil, Biodegradation of Dibenzothiophene and its Application In the Production of Clean Coal Fuel Processing Technology , V. 152 (2016) 325–342, DOI:10.1016/j.fuproc.2016.06.025, @2016

618. Nenon, S, Champagne, B, **Spasova, M.** Assessing long-range corrected functionals with physically-adjusted range-separated parameter for calculating the polarizability and the second hyperpolarizability of polydiacetylene and polybutatriene chains. Phys. Chem. Chem. Phys., 16, RSC, 2014, DOI:10.1039/C4CP00105B, 7083-7088. ISI IF:4.493

Цитупа ce в:

2175. M. Maria, J. Iqbal, K. Ayub, RSC Adv., 6 (2016) 94228-94235. DOI: 10.1039/C6RA21797D, @2016

2176. D. Bokhan, D. N. Trubnikov, A. Perera, R. J. Bartlett, J. Chem. Phys. 145 (2016) 134104. <http://dx.doi.org/10.1063/1.4963748>, @2016

2177. P. Verma, A. Perera, J. A. Morales, Molecular Physics, 114 (2016), 55th Sanibel Symposium - Special Issue DOI:10.1080/00268976.2015.1126367, @2016

2178. C. Wang, Y. Yuan, X. Tian, J. Sun, J. Yuan, Comput. Theor. Chem., 1085 (2016) 40–45. <http://dx.doi.org/10.1016/j.comptc.2016.04.006>, @2016

2179. M. Alipour, P. Fallahzadeh, Phys. Chem. Chem. Phys., 18 (2016) 18431-18440. DOI: 10.1039/c6cp02648f, @2016

2180. M. B. Oviedo, N. V. Ilawe, B. M. Wong, J. Chem. Theor. Comput., 12 (2016) 3593–3602. DOI: 10.1021/acs.jctc.6b00360, @2016

619. **Kancheva, V.D., Slavova-Kazakova, A.**, Fabbri, D., Dettori, M.A., Delogu, G., Janek, M., Amarowicz, R.. Protective Effects of Equimolar Mixtures of Dehydrozingerone and its Dimer with α -Tocopherol and/or Ascorbylpalmitate during Lipid Autoxidation,. Food Chemistry, 157, ELSEVIER, 2014, ISSN:0308-8146, DOI:10.1016/j.foodchem.2015.09.031, 263-274. SJR:1.42, ISI IF:3.867

Цитупа ce в:

2181. Alemán, M., Bou, R., Tres, A., Polo, J., Codony, R., Guardiola, F., Oxidative stability of a heme iron-fortified bakery product: Effectiveness of ascorbyl palmitate and co-spray-drying of heme iron with calcium caseinate, Food Chemistry, 2016, Volume 196, Pages 567-576, @2016

2182. Girish A. Hampannavar, Rajshekhar Karpoomath, Mahesh Palkar, Mahamadhanif S. Shaikh; An Appraisal on Recent Medicinal Perspective of Curcumin degradant: Dehydrozingerone (DZG) BIOORGANIC & MEDICINAL CHEMISTRY • JANUARY 2016 Impact Factor: 2.79 • DOI: 10.1016/j.bmc.2015.12.049, @2016

620. Kolarevic, A., **Yancheva, D.**, Kocic, G., Smelcerovic, A.. Deoxyribonucleases inhibitors. Eur. J. Med. Chem., 88, 2014, 101-111. ISI IF:3.447

Цумура се в:

2183. Santos, J.C., Ribeiro, M.L., Sarian, L.O., Ortega, M.M., Derchain, S.F., Exosomes-mediate microRNAs transfer in breast cancer chemoresistance regulation, *Am. J. Cancer Res.*, 6, 2129-2139., @2016
621. **Popova, M.**, Szegedi, A., **Mavrodinova, V.**, Novak Tušar, N., Mihály, J., Klébert, S., Benbassat, N., Yoncheva, K.. Preparation of resveratrol-loaded nanoporous silica materials with different structures. *Journal of Solid State Chemistry*, 219, Elsevier, 2014, ISSN:00224596, DOI:10.1016/j.jssc.2014.07.002, 37-42. SJR:0.748, ISI IF:2.234

Цумура се в:

2184. Ruiz-Rico, M. , Daubenschütz, H., Pérez-Esteve, É., Marcos, M.D., Amorós, P., Martínez-Máñez, R., Barat, J.M., Protective effect of mesoporous silica particles on encapsulated folates, *European Journal of Pharmaceutics and Biopharmaceutics*, 105, pp. 9-17, @2016, @2016
622. **Petkova, Z.**, Valcheva, V., Momekov, G., Petrov, P., **Dimitrov, V.**, Doytchinova, I., Stavrakov, G., Stoyanova, M.. Antimycobacterial activity of chiral aminoalcohols with camphene scaffold. *European Journal of Medicinal Chemistry*, 81, Elsevier, 2014, ISSN:0223-5234, DOI:10.1016/j.ejmech.2014.05.007, 150-157. SJR:1.004, ISI IF:3.447

Цумура се в:

2185. Shokova, E.A., Kim, J.K., Kovalev, V.V., Camphor and its derivatives. Unusual transformations and biological activity, *Russian Journal of Organic Chemistry*, 2016, 52, 459-488, @2016
623. Yoncheva, K., **Popova, M.**, Szegedi, A, Mihály, J., Tzankov, B., Lambov, N., Konstantinov, S., Pessina, F., Valoti, M.. Functionalized mesoporous silica nanoparticles for oral delivery of budesonide. *Journal of Solid State Chemistry*, 221, Elsevier, 2014, ISSN:0022-4596, 154-161. ISI IF:2.234

Цумура се в:

2186. Guo, Y., Sun, J. , Bai, S., Jin, X., Nanoassemblies constructed from bimodal mesoporous silica nanoparticles and surface-coated multilayer pH-responsive polymer for controlled delivery of ibuprofen, *Journal of Biomaterials Applications*, 31 (3), pp. 411-420, @2016, @2016
2187. Berger, D., Nastase, S., Mitran, R.A., Petrescu, M., Vasile, E., Matei, C., Negreanu-Pirjol, T., Mesostructured silica and aluminosilicate carriers for oxytetracycline delivery systems, *International Journal of Pharmaceutics*, 510 (2), pp. 524-531, @2016, @2016
2188. Beltrán-Osuna, Á.A., Perilla, J., Colloidal and spherical mesoporous silica particles: synthesis and new technologies for delivery applications , *Journal of Sol-Gel Science and Technology*, 77 (2), pp. 480-496, @2016, @2016
2189. Desai, D., Prabhakar, N., Mamaeva, V., Karaman, D.Ş., Lähdeniemi, I.A.K., Sahlgren, C., Rosenholm, J.M., Toivola, D.M., Targeted modulation of cell differentiation in distinct regions of the gastrointestinal tract via oral administration of differently PEG-PEI functionalized mesoporous silica nanoparticles , *International Journal of Nanomedicine*, 11, pp. 299-313, @2016, @2016
2190. McCarthy, C.A., Ahern, R.J., Dontireddy, R., Ryan, K.B., Crean, A.M., Mesoporous silica formulation strategies for drug dissolution enhancement: A review, *Expert Opinion on Drug Delivery*, 13 (1), pp. 93-108, @2016, @2016
624. Atanassova, M., **Kurteva, V.**, Lubenov, L., Billard, I.. Comparing extraction, synergism and separation of lanthanoids by use of acidic and neutral compounds in chloroform and one ionic liquid: Is the latter always “better”? *RSC Advances*, 4, RSC, 2014, ISSN:2046-2069, DOI:10.1039/C4RA04302B, 38820-

Цумура се в:

2191. Alyapyshev, M. Y.; Babain, V. A.; Ustynyuk, Y. A.; Recovery of minor actinides from high-level wastes: modern trends, Russian Chemical Reviews, 2016, 85, 943-961., @2016
 2192. Gujar, R. B.; Ansari, S. A.; Sengupta, A.; Murali, M. S.; Mohapatra, P. K.; Extractive complexation of lanthanides and Am(III) by 1-phenyl-3-methyl-4-benzoyl-5-pyrazolone in ionic liquid: Solvent extraction and spectroscopic studies, Inorganic Chemistry Communications, 2016, 73, 72-76., @2016
625. **Popova, M.**, Ristić, A., Mazaj, M., **Dimitrov, M.**, Tušar, N.. Autoreduction of copper on silica and iron-functionalized silica nanoparticles with interparticle mesoporosity. ChemCatChem, 6, 1, Wiley, 2014, ISSN:1867-3899, 271-277. ISI IF:4.556

Цумура се в:

2193. Gaudin, P. , Dorge, S. , Nouali, H., CuO/SBA-15 materials synthesized by solid state grinding: Influence of CuO dispersion and multicycle operation on DeSOX performances, Applied Catalysis B: Environmental, 181, pp. 379-388, @2016, @2016
 2194. Gaudin, P., Michelin, L., Josien, L., Nouali, H., Dorge, S., Brilhac, J.-F., Fiani, E., Vierling, M., Molière, M., Patarin, J., Highly dispersed copper species supported on SBA-15 mesoporous materials for SOx removal: Influence of the CuO loading and of the support, Fuel Processing Technology, 148, pp. 1–11, @2016, @2016
 2195. Gaudin, P., Fioux, P., Dorge, S., Nouali, H., Vierling, M., Fiani, E., Molière, M., Brilhac, J.-F., Patarin, J., Formation and role of Cu⁺ species on highly dispersed CuO/SBA-15 mesoporous materials for SOx removal: An XPS study, Fuel Processing Technology, 153, pp. 129–136, @2016, @2016
626. **Kurteva, V.**, Lubenov, L., **Antonova, D.**. On the mechanism of the direct acid catalyzed formation of 2,3-disubstituted imidazo[1,2-a]pyridines from 2-aminopyridines and acetophenones. A concurrence between ketimine and Ortoleva-King type reaction intermediated transformations. RSC Advances, 4, RSC, 2014, ISSN:2046-2069, DOI:10.1039/C3RA45005H, 175-184. SJR:1.026, ISI IF:3.84

Цумура се в:

2196. Subbarayappa, A.; Darapanenei, C.; Ravi, C.; Dual role of p-tosylchloride: copper-catalyzed sulfonylation and metal free methylthiolation of imidazo[1, 2-a]pyridines, Organic and Biomolecular Chemistry, 2016, 14, 2282-2290, @2016
627. Gesheva, V., Chausheva, S., Mihaylova, N., Manoylov, I., Doumanova, L., **Idakieva, K.**, Tchorbanov, A.. Anti-cancer properties of gastropodan hemocyanins in murine model of colon carcinoma. BMC IMMUNOLOGY, 15, BIOMED CENTRAL LTD, 236 GRAYS INN RD, FLOOR 6, LONDON WC1X 8HL, ENGLAND, 2014, ISSN:1471-2172, DOI:DOI: 10.1186/s12865-014-0034-3, ISI IF:2.481

Цумура се в:

2197. Zheng, L., Zhao, X., Zhang, P., Chen, C., Liu, Sh., Huang, R., Zhong, M., Wei, Ch., Zhang, Y., PLoS ONE 11 (3): e0151801. doi:10.1371/journal.pone.0151801, @2016
2198. T.-Y. Zhong, S. Arancibia, R. Born, R. Tampe, J. Villar, M. Del Campo, A. Manubens, M. I. Becker, J. Immunol., 196, 4650-4662, @2016
2199. Coates, C.J., Decker, H., Cellular and Molecular Life Sciences CMLS 08/2016, DOI:10.1007/s00018-016-2326-7, @2016

2200. Gao, P., Zhang, C., Bian, X., Guo, Y., Wei, Y., Zhang, L., Huang, S., Immunopharmacology and Immunotoxicology, Sep 23, 1-6, @2016

628. Kindekov, I., Mileva, M., Krastev, D., Vassilieva, V., **Raynova, Y.**, Doumanova, L., Aljakov, M., **Idakieva, K.** Radioprotective effect of Rapana thomasiana hemocyanin in gamma induced acute radiation syndrome. BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, 28, 3, TAYLOR & FRANCIS LTD, 4 PARK SQUARE, MILTON PARK, ABINGDON OX14 4RN, OXON, ENGLAND, 2014, ISSN:1310-2818, DOI:DOI: 10.1080/13102818.2014.924683, 533-539. ISI IF:0.3

Цумура се в:

2201. Hall, S., Rudrawar, S., Zunk, M., Bernaitis, N., Arora, D., McDermott, C. M., Anoopkumar-Dukie, S. Protection against radiotherapy-induced toxicity. Antioxidants, 5 (3), 22, @2016

2202. Sereanu, V., Meghea, I., Vasile, G., Simion, M., Mihai, M. Morphology and chemical composition relation of Rapana thomasiana shell sampled from the Romanian Coast of the Black Sea, Cont. Shelf. Res, 126, 27-35, @2016

2203. Li, D., Tian, Z., Tang, W., Zhang, J., Lu, L., Sun, Z., Fan, F. The Protective Effects of 5-Methoxytryptamine- α -lipoic Acid on Ionizing Radiation-Induced Hematopoietic Injury, Int. J. Mol. Sci, 17(6), 935, @2016

629. **Budinova, T.**, Huang, W.-L., **Racheva, I.**, **Tsyntsarski, B.**, **Petrova, B.**, Ferhat Yardim, M.. Investigation of kerogen transformation during pyrolysis by applying a diamond anvil cell. Oil Shale, 31, 2, Estonian Academy Publishers, 2014, ISSN:0208-189X, DOI:10.3176/oil.2014.2.03, 121-131. SJR:0.675, ISI IF:0.93

Цумура се в:

2204. Vuković, N., Životić, D., Mendonça Filho, J.G., Kravić-Stevović, T., Hámor-Vidó, M., Mendonça, J.O., Stojanović, K. The assessment of maturation changes of humic coal organic matter - Insights from closed-system pyrolysis experiments. International Journal of Coal Geology, 154-155, pp. 213-239. DOI: 10.1016/j.coal.2016.01.007., @2016

630. Galabov, B., Koleva, G., **Simova, S.**, Hadjieva, B., Schaefer III, H.F., Schleyer, Paul von Ragué. Arenium ions are not obligatory intermediates in electrophilic aromatic substitution. Proceedings of the National Academy of Sciences of the United States of America, 111, 28, United States National Academy of Science, 2014, ISSN:1091-6490, DOI:10.1073/pnas.1405065111, 10067-10072. SJR:5.781, ISI IF:9.7

Цумура се в:

2205. Shernyukov, A. V., Genaev, A. M., Salnikov, G. E., Rzepa, H. S., Shubin, V. G., Noncatalytic bromination of benzene: A combined computational and experimental study, Journal of Computational Chemistry, 37(2), pp. 210-225., @2016

631. Abrashev, R., Stoitsova, S., Pashova, S., Paunova-Krasteva, T., Vassilev, S., **Dolashka, P.**, Angelova, M.. Temperature-stress tolerance of the fungal strain Aspergillus niger 26: physiological and ultrastructural changes.. World Journal of Microbiology and Biotechnology, 30, 5, Springer Science+Business Media Dordrecht 2013, 2014, DOI:10.1007/s11274-013-1586-8, 1661-1668. SJR:0.9, ISI IF:1.315

Цумура се в:

2206. Enzymatic Pathways and Physiological Functions., @2016

632. Stoyanova, R., Ivanova, S., Zhecheva, E., Samoson, A., **Simova, S.**, Tzvetkova, P., Barra, A-L.

Correlations between lithium local structure and electrochemistry of layered $\text{LiCo}_{1-2x}\text{Ni}_x\text{Mn}_x\text{O}_2$ oxides: ^7Li MAS NMR and EPR studies. *Physical Chemistry Chemical Physics*, 16, 6, RSC, 2014, ISSN:1463-9076, DOI:10.1039/C3CP54438A, 2499-2507. SJR:1.61, ISI IF:4.493

Цумура се в:

2207. Buzlukov, A., Mouesca, J. M., Buannic, L., (...), Gutel, T., Bardet, M., Li-Rich Mn/Ni Layered Oxide as Electrode Material for Lithium Batteries: A ^7Li MAS NMR Study Revealing Segregation into (Nanoscale) Domains with Highly Different Electrochemical Behaviors, *Journal of Physical Chemistry C*, 120(34), pp. 19049-19063., @2016
2208. Liu, H., Bugnet, M., Tessaro, M. Z., (...), Goward, G., Botton, G., Spatially Resolved Surface Valence Gradient and Structural Transformation of Lithium Transition Metal Oxides in Lithium-Ion Batteries, *Physical Chemistry Chemical Physics*, 18(42), pp. 29064-29075., @2016
633. Grigorova, E., Spassova, M., Khristov, M., **Tsyntsarski, B.**, Spassov, T.. High-pressure DSC study on the hydriding and dehydriding of Mg/C nanocomposites. *Journal of Thermal Analysis and Calorimetry*, 116, 1, Kluwer Academic Publishers, 2014, ISSN:1388-6150, DOI:0.1007/s10973-013-3574-5, 265-272. SJR:0.612, ISI IF:1.781

Цумура се в:

2209. Awad, A.S., Nakhl, M., Zakhour, M., Santos, S.F., Souza, F.L., Bobet, J.-L. Effect of microwave irradiation on hydrogen sorption properties of hand mixed MgH_2 / 10 wt.% carbon fibers, *Journal of Alloys and Compounds*, vol. 676, pp. 1-8. DOI:10.1016/j.jallcom.2016.03.008., @2016
634. **Guncheva M., Paunova K., Dimitrov M., Yancheva D.** Stabilization of *Candida rugosa* lipase on nanosized zirconia-based materials. *Journal of Molecular Catalysis B: Enzymatic*, 108, Elsevier, 2014, ISSN:1381-1177, DOI:10.1016/j.molcatb.2014.06.012, 43-50. SJR:0.69, ISI IF:2.823

Цумура се в:

2210. Cipolatti, E.P., Valério, A., Henriques, R.O., Moritz, D.E., Ninow, J.L., Freire, D.M.G., Manoel, E.A., Fernandez-Lafuente, R., De Oliveira, D., (2016), *RSC Advances*, Volume 6, Issue 106, Pages 104675-104692, @2016
2211. Zhang, B., Li, P., Zhang, H., Wang, H., Li, X., Tian, L., Ali, N., Ali, Z., Zhang, Q., Preparation of lipase/ $\text{Zn}_3(\text{PO}_4)_2$ hybrid nanoflower and its catalytic performance as an immobilized enzyme, (2016), *Chemical Engineering Journal*, Volume 291, 1 May 2016, Pages 287–297, @2016
635. **Dimitrov M., Guncheva M.,** Zhiryakova D., Lazarova Tz., Lalev G., **Tsoncheva T.** Nanostructured tin dioxide - a promising multipurpose support material for catalytic and biocatalytic applications.. *Chemical Engineering Journal*, 252, Elsevier, 2014, ISSN:1385-8947, DOI:10.1016/j.cej.2014.04.052, 55-63. SJR:1.455, ISI IF:4.053

Цумура се в:

2212. Dutta, D., Ghosh, S., Narjinary, M., Bhattacharyya, N., Bandyopadhyay, R. Tin oxide based gas sensor array in electronic nose to monitor aroma of black tea *Sensor Letters* (2016) 14(4) 396-401, @2016
2213. V.L. Sirisha, A.Jain, A. Jain Enzyme Immobilization: An Overview on Methods, Support Material, and Applications of Immobilized Enzymes *Advances in Food and Nutrition Research* (2016), @2016

- 636. Guncheva M., Dimitrov M.,** Napoly F., Draye M., Andrioletti B.. Novel Hybrid Materials on the Basis of Nanostructured Tin Dioxide and a Lipase from *Rhizopus delemar* with Improved Enantioselectivity. *Journal of Molecular Catalysis B: Enzymatic*, 102, Elsevier, 2014, ISSN:1381-1177, DOI:10.1016/j.molcatb.2014.01.017, 72-80. SJR:0.928, ISI IF:2.823

Цитира се в:

- 2214.** Yu, X.-W., Xu, Y., Xiao, R., Lipases from the genus *Rhizopus*: Characteristics, expression, protein engineering and application, *Progress in Lipid Research*, (2016), vol. 64, pp. 57-68, @2016
- 637. Bankova, V.,** Galabov, A.S., **Antonova, D.,** Vilhelmova, N., Di Perri, B.. Chemical composition of propolis extract ACF® and activity against herpes simplex virus. *Phytomedicine*, 21, 11, 2014, 1432-1438. ISI IF:3.126

Цитира се в:

- 2215.** Mazia, R.S., R.R. de Araújo Pereira, L.M. Belloto de Francisco, M.R. Marçal Natali, B.P. Dias Filho, C.V. Nakamura, M.L. Bruschi, T. Ueda-Nakamura. *Journal of Pharmaceutical Sciences*, 105(1), 113-121, @2016
- 2216.** Souza, E. A., R. Zaluski, N. Veiga, R. O. Orsi. *Braz. J. Biol.* 76(2), 396-401, @2016
- 2217.** Alday, E., M. Navarro-Navarro, A. Garibay-Escobar, R. Robles-Zepeda, J. Hernandez, C. Velazquez. In : Chambo, E.D. (Editor) "Beekeeping and Bee Conservation - Advances in Research", ISBN 978-953-51-2412-2, Print ISBN 978-953-51-2411-5, INTECH, , @2016
- 2218.** Silva-Mares, D., Torres-Lopez, E.; Rivas-Galindo, V. M. *Nat. Prod. Commun.* 11(4), 557 – 566, @2016
- 2219.** Olczyk, P., P. Ramos, K. Komosinska-Vassev, L. Mencner, K. Olczyk, B. Pilawa. *Evidence-Based Complementary and Alternative Medicine*, Volume 2016 (2016), Article ID 7292379, 8 pages, @2016
- 2220.** Anđelković, B., L. Vujisić, , I. Vučković, V. Tešević, V. Vajs, D. Godevac. *Journal of Pharmaceutical and Biomedical Analysis* (2016)*
<http://dx.doi.org/10.1016/j.jpba.2016.12.003>, @2016
- 2221.** Abd El-Hady, F.K., A.M.A. Souleman, I.G. Ibrahim³, M.S. Abdel-Aziz, Z.A El-Shahid, E.A. Ali, M.S.A. Elsarrag. *Der Pharmacia Lettre*, 8(19), 339-350, @2016
- 638. Stavrakov, G., Philipova, I.,** Valcheva, V., Momekov, G.. Synthesis and antimycobacterial activity of novel camphane-based. *Bioorg. Med. Chem. Lett.*, 24, 1, Elsevier, 2014, ISSN:0960-894X, DOI:10.1016/j.bmcl.2013.11.050, 165-167. SJR:0.821, ISI IF:2.42

Цитира се в:

- 2222.** E. A. Shokova, J. K. Kim, V. V. Kovalev; *Russian Journal of Organic Chemistry* 2016, 52, 471–499. Camphor and Its Derivatives. Unusual Transformations and Biological Activity, @2016
- 2223.** A. S. Sokolova, O. I. Yarovaya, D. S. Baev, A. V. Shernyukov, A. A. Shtro, V. V. Zarubaev, N. F. Salakhutdinov; *European Journal of Medicinal Chemistry* 2016, 20, 667-676. Aliphatic and alicyclic camphor imines as effective inhibitors of influenza virus H1N1, @2016
- 2224.** Groselj, U.; Golobic, A.; Knez, D.; Hrast, M.; Gobec, S.; Ricko, S.; Svete, J. *Mol Divers* 2016, 20, 667-676. Synthesis and preliminary biological evaluations of (+)-isocampholenic acid-derived amides, @2016
- 639. de Groot, A.C., Popova, M., Bankova, V..** An update on the constituents of poplar-type propolis.

Цумупа се в:

2225. Opsenica, D.M., Petar Ristivojević, Jelena Trifković, Irena Vovk, Dražen Lušić, Živoslav Tešić. TLC Fingerprinting and Pattern Recognition Methods in the Assessment of Authenticity of Poplar-Type Propolis. J Chromatogr Sci (2016) doi: 10.1093/chromsci/bmw024, @2016
2226. Sagi, S., B. Avula, M.H. Masoodi, A. Farooq Wali, I. A. Khan. Planta Med 82 - PA16 (2016) DOI: 10.1055/s-0036-1578631, @2016
2227. Jerković, I., Marijanović, Z., Kuš, P.M., Tuberoso, C.I.G. Chemistry and Biodiversity, 13(2), 210-218 (2016), @2016
640. Luong, T. K. N., Absillis, G., **Shestakova, P.**, Parac-Vogt, T.. Solution speciation of a dinuclear Zr(IV)-substituted Keggin polyoxometalate [$\{\alpha\text{-PW}_{11}\text{O}_{39}\text{Zr}(\mu\text{-OH})(\text{H}_2\text{O})\}_2\text{]}^{8-}$ and its reactivity towards the hydrolysis of a DNA-model phosphodiester. Eur. J. Inorg. Chem., 31, Wiley, 2014, ISSN:1099-0682, DOI:10.1002/ejic.201402735, 5276-5284. ISI IF:2.686

Цумупа се в:

2228. Trammell, S.A., Nita, R., Martin, B., Moore, M.H., Fontana, J., Talebzadeh, S., Knight, D.A. Photo-enhanced hydrolysis of bis(4-nitrophenyl) phosphate using Cu(II) bipyridine-capped plasmonic nanoparticles. RSC Advances, 6 (47), 41618-41621, (2016)., @2016
641. Prasanth, C. S., Karunakaran, S., Paul, A., Kussovski, V., **Mantareva, V.**, Ramaiah, D., Selvaraj, L., **Angelov, I.**, Krishnankutty, N., Avramov, L., Subhash, N.. Antimicrobial Photodynamic Efficiency of Novel Cationic Porphyrins towards Periodontal Gram-positive and Gram-negative Pathogenic Bacteria.. Photochem. Photobiol., 90, 3, Wiley, 2014, ISSN:1751-1097, DOI:10.1111/php.12198, 628-640. ISI IF:2.266

Цумупа се в:

2229. Kristine Opsvik Wikene, Hakon Valen Rukke, Ellen Bruzell, Hanne Hjorth Tonnesen, Physicochemical characterisation and antimicrobial phototoxicity of anionic porphyrin in natural deep eutectic solvents, Eur. J. Pharmac. Biopharmaceutics, 105 (2016) 75-84., @2016
2230. Troy A. Skwor, Stephanie Klemm, , Hanyu Zhang, , Brianna Schardt, , Stephanie Blaszczyka, , Matthew A. Bork, Photodynamic inactivation of methicillin-resistant Staphylococcus aureus and Escherichia coli: A metalloporphyrin comparison, Journal of Photochemistry and Photobiology B: Biology, 165, 2016, 51–57, @2016
2231. Zengping Xu, Yuxiang Gao, Shuai Meng, Baochen Yang, Liyun Pang, Chen Wang and Tianjun Liu, Mechanism and In Vivo Evaluation: Photodynamic Antibacterial Chemotherapy of Lysine-Porphyrin Conjugate, Front. Microbiol., 02 March 2016 | <http://dx.doi.org/10.3389/fmicb.2016.00242>, @2016
2232. Lorenza Giovanna Gardella, Samuele Colonna, Alberto Fina, and Orietta Monticelli, On a novel electro-stimulated drug delivery system based on PLLA composites exploiting the multiple functions of graphite nanoplatelets, ACS Appl. Mater. Interfaces, DOI: 10.1021/acsami.6b08808, @2016
642. **Alipieva, K.**, Korkina, L., Erdogan, I., Georgiev, M. I.. Verbascoside – a review of its occurrence, (bio)synthesis and pharmacological significance.. Biotechnology advances, 32, 2014, 1065-1076. ISI IF:8.905

Цумупа се в:

2233. Grabkowska, R., Matkowski, A., Grzegorzczak-Karolak, I., Wysokińska, H. Callus cultures of *Harpagophytum procumbens* (Burch.) DC. ex Meisn.; production of secondary metabolites and antioxidant activity. *South African Journal of Botany*, 103, 41-48., @2016
2234. Cui, Q., Pan, Y., Xu, X., Zhang, W., Wu, X., Qu, S., Liu, X. The metabolic profile of acteoside produced by human or rat intestinal bacteria or intestinal enzyme in vitro employed UPLC-Q-TOF-MS. *Fitoterapia*, 109, 67-74, @2016
2235. Etemad, L., Zafari, R., Moallem, S.A., Vahdati-Mashhadian, N., Shirvan, Z.S., Hosseinzadeh, H. Teratogenic effect of verbascoside, main constituent of *Lippia citriodora* leaves, in mice. *Iranian Journal of Pharmaceutical Research*, 15 (2), 521-525., @2016
2236. Gryniewicz, G., Szeja, W. Synthetic glycosides and glycoconjugates of low molecular weight natural products. *Current Pharmaceutical Design*, 22 (12), 1592-1627., @2016
2237. Lin, H.-M., Duan, W.-B., Shao, R., Han, L.-F., Zhu, Y., Gao, X.-M., Wang, Y. Acteoside promotes proliferation of neural stem cells from adult mice by activating PI3K/AKT pathway. *Chinese Pharmacological Bulletin*, 32 (6), 836-840., @2016
2238. Barizão, T.O., Visentainer, J.V., de Cinque Almeida, V., Ribeiro, D., Chisté, R.C., Fernandes, E. *Citharexylum solanaceum* fruit extracts: Profiles of phenolic compounds and carotenoids and their relation with ROS and RNS scavenging capacities. *Food Research International*, 86, 24-33., @2016
2239. Estrada-Zúñiga, M.E., Aarland, R.C., Rivera-Cabrera, F., Bernabé-Antonio, A., Buendía-González, L., Cruz-Sosa, F. Micropropagation of *Buddleja cordata* and the content of verbascoside and total phenols with antioxidant activity of the regenerated plantlets. *Revista Mexicana de Ingeniera Quimica*, 15 (2), 333-346., @2016
2240. Bello, I., Shehu, M.W., Musa, M., Zaini Asmawi, M., Mahmud, R. *Kigelia africana* (Lam.) Benth. (Sausage tree): Phytochemistry and pharmacological review of a quintessential African traditional medicinal plant. *Journal of Ethnopharmacology*, 189, 253-276., @2016
2241. Boss, A., Bishop, K.S., Marlow, G., Barnett, M.P.G., Ferguson, L.R. Evidence to support the anti-cancer effect of olive leaf extract and future directions. *Nutrients*, 8 (8), Article number 513, @2016
2242. Espinosa-González, A.M., García-Bores, A.M., Benítez-Flores, J.C., Sandoval-Pérez, C.E., González-Valle, M.R., Céspedes, C.L., Avila-Acevedo, J.G. Photoprotective effect of verbascoside from *Buddleja cordata* in SKH-1 mice exposed to acute and chronic UV-B radiation. *Boletín Latinoamericano y del Caribe de Plantas Medicinales y Aromaticas*, 15 (5), 288-300., @2016
2243. Martino, N.A., Ariu, F., Bebbere, D., Uranio, M.F., Chirico, A., Marzano, G., Sardanelli, A.M., Cardinali, A., Minervini, F., Bogliolo, L., Dell'Aquila, M.E. Supplementation with nanomolar concentrations of verbascoside during in vitro maturation improves embryo development by protecting the oocyte against oxidative stress: a large animal model study. *Reproductive Toxicology*, 65, 204-211., @2016
2244. Zhou, Y., Wang, X., Wang, W., Duan, H. De novo transcriptome sequencing-based discovery and expression analyses of verbascoside biosynthesis-associated genes in *Rehmannia glutinosa* tuberous roots. *Molecular Breeding*, 36 (10), Article number 139, @2016
2245. Mihailović, V., Kreft, S., Benković, E.T., Ivanović, N., Stanković, M.S. Chemical profile, antioxidant activity and stability in stimulated gastrointestinal tract model system of three *Verbascum* species. *Industrial Crops and Products*, 89, 141-151., @2016
2246. Pereira, V.V., Duarte, L.P., Silva, R.R., Takahashi, J.A. New jacaranone glucoside from *Jacaranda oxyphylla* leaves. *Natural Product Research*, 30 (21), 2421-2428., @2016

2247. Bassani, B., Rossi, T., De Stefano, D., Pizzichini, D., Corradino, P., Macrì, N., Noonan, D.M., Albini, A., Bruno, A. Potential chemopreventive activities of a polyphenol rich purified extract from olive mill wastewater on colon cancer cells. Journal of Functional Foods, 27, 236-248., @2016

2248. Mazzutti, S., Salvador Ferreira, S.R., Herrero, M., Ibañez, E. Intensified aqueous-based processes to obtain bioactive extracts from Plantago major and Plantago lanceolata. Journal of Supercritical Fluids, 119, 64-71., @2016

643. **Popova M.**, Ristic A., **Mavrodinova V.**, Maucec D., Mindizova L., Novak Tusar N.. Design of cobalt functionalized silica with interparticle mesoporosity as a promising catalyst for VOCs decomposition. Catalysis Letters, 144, 6, Springer Science+Business Media New York 2014., 2014, ISSN:1011-372, DOI:10.1007/s10562-014-1246-0, 1096-1100. SJR:0.823, ISI IF:2.485

Цумура се в:

2249. Lin, L.-Y., Bai, H., Salt-induced formation of hollow and mesoporous CoOx/SiO₂ spheres and their catalytic behavior in toluene oxidation, RSC Advances, 6 (29), pp. 24304-24313, @2016, @2016

2250. Zhuang, Y.a, Lin, Q.a, Zhang, L.b, Luo, L.a, Yao, Y.a , Lu, W.a, Chen, W.a, Mesoporous carbon-supported cobalt catalyst for selective oxidation of toluene and degradation of water contaminants, Particuology, 24, pp. 216-222, @2016, @2016

644. Stavrakov, G., Valcheva, V., **Philipova, I.**, Doytchinova, I.. Design of novel camphane-based derivatives with antimycobacterial activity. Journal of Molecular Graphics and Modelling, 51, Elsevier, 2014, ISSN:1093-3263, DOI:10.1016/j.jmgm.2014.04.008, 7-12. SJR:0.53, ISI IF:1.948

Цумура се в:

2251. Kawkab Ali Hussain, Sadiq M. H. Ismael, Wisam A. Radhi Quantitative Structure-activity Relationships (QSAR) and Docking Studies on Pyrimidine Derivatives for Antitubercular Activity against M. tuberculosis H37Rv. British Journal of Pharmaceutical Research 2016, 13, 1-11., @2016

645. **Popova, M.**, Stoyanova, A., Valyovska-Popova, N., **Bankova, V.**, Peev, D.. A new coumarin and total phenolic and flavonoids content of Bulgarian celeriac. Bulgarian Chemical Communications, 46, 2014, ISSN:08619808, 88-93. ISI IF:0.229

Цумура се в:

2252. Lister, C. Identifying and understanding the factors influencing bioactive levels in vegetables. Horticulture Innovation Australia Limited, Sydney, 2016, ISBN 0 7341 37885, @2016

646. **Denev P.**, **Kratchanova M.**, Ciz M, Lojek A., Vasicek O., Nedelcheva P, Blazheva D., Toshkova R, Gardeva E, Yossifova L, Hyrsil P., Vojtek L.. Biological activities of selected polyphenol-rich fruits related to immunity and gastrointestinal health. Food Chemistry, 157, Elsevier, 2014, 37-44. SJR:1.42, ISI IF:3.391

Цумура се в:

2253. Sosnowska D, Podsedek A., Kucharska AZ, RedzyniaM, Opechowska M., Koziolkiewicz M (2016) Comparison of in vitro anti-lipase and antioxidant activities, and composition of commercial chokeberry juices. European Food Research and Technology, 242 (4), pp. 505-515., @2016

2254. Strugała P., Gładkowski W., Kucharska A. Sokół-Łętowska A. Gabrielska J. (2015) Antioxidant activity and anti-inflammatory effect of fruit extracts from blackcurrant, chokeberry, hawthorn,

and rosehip, and their mixture with linseed oil on a model lipid membrane, *European Journal of Lipid Science and Technology*, 118(3), 461–474, @2016

2255. Ebenezer, P.J., Wilson, C.B., Wilson, L.D., Nair, A.R., Francis, J. (2016) The anti-inflammatory effects of blueberries in an animal model of post-traumatic stress disorder (PTSD). *PLoS ONE*, 11 (9), art. no. e0160923., @2016
 2256. Zhang, T., Wei, X., Miao, Z., Hassan, H., Song, Y., Fan, M. (2016) Screening for antioxidant and antibacterial activities of phenolics from Golden Delicious apple pomace. *Chemistry Central Journal*, 10 (1), art. no. 47., @2016
 2257. Yu, X., Bogaert, L., Hu, R., Bals, O., Grimi, N., Vorobiev, E. (2016) A combined coagulation–ultrafiltration method for enhanced separation of proteins and polyphenols. *Separation Science and Technology (Philadelphia)*, 51 (6), pp. 1030-1041., @2016
 2258. Jang, S., Sun, J., Chen, P., Lakshman, S., Molokin, A., Harnly, J.M., Vinyard, B.T., Urban, J.F., Davis, C.D., Solano-Aguilar, G. (2016) Flavanol-enriched cocoa powder alters the intestinal microbiota, tissue and fluid metabolite profiles, and intestinal gene expression in pigs. *Journal of Nutrition*, 146 (4), pp. 673-680., @2016
 2259. Tsatsaragkou K., Paximada P., Protonotariou S., Mandala I (2016) Functional foods. In: *Handbook of Food Processing*. Ed: Varzakas T. and Tzia C, CRC Press, Pages 585–606, @2016
 2260. Wang, Y., Zhu, J., Meng, X., Mu, J., Ning, C. (2016) Comparison of polyphenol, anthocyanin and antioxidant capacity in four varieties of *Lonicera caerulea* berry extracts. *Food Chemistry*, 197, 522-529, @2016
647. Lojek A., **Denev P.**, Ciz M, Vasicek O., **Kratchanova M.** The effects of biologically active substances in medicinal plants on the metabolic activity of neutrophils. *Phytochemistry reviews*, 13, 2, Springer, 2014, 499-510. SJR:0.783, ISI IF:2.407

Цитирана се в:

2261. Carla Ferreri, Bernard T. Golding, Ullrich Jahn & Jean-Luc Ravanat (2016) COST Action CM1201 “Biomimetic Radical Chemistry”: free radical chemistry successfully meets many disciplines. *Free Radical Research*, 50 (supl. 1), S112-S128., @2016
 2262. Pažoureková S, Lucová M, Nosál R, Drábiková K, Harmatha J, Šmidrkal J, Jančinová V. (2016) Equol Effectively Inhibits Toxic Activity of Human Neutrophils without Influencing Their Viability. *Pharmacology*, 97(3-4):138-45, @2016
648. **Denev P.**, **Kratchanova M.**, Ciz M, Lojek A., Vasicek O., Blazheva D., Nedelcheva P, Vojtek L., Hyrsl P.. Antioxidant, antimicrobial and neutrophil-modulating activities of herb extracts. *Acta Biochimica Polonica*, 61, 2, 2014, 359-367. SJR:0.448, ISI IF:1.153

Цитирана се в:

2263. Ayrle H, Mevissen M, Kaske M, Nathues H, Gruetzner N, Melzig M, Walkenhorst M. (2016) Medicinal plants – prophylactic and therapeutic options for gastrointestinal and respiratory diseases in calves and piglets? A systematic review. *BMC Veterinary Research*, 12(89), 1-31., @2016
2264. Najdenski H., Kondakova V., Krumova E., Zaharieva M., Doumanova L., Angelova M., (2016) In Vitro Antimicrobial and Antioxidant Activity of Extracts from Wild Small Fruits Spread in Bulgaria, *Acta Microbiologica Bulgarica*, 32(1), 65-73, @2016
2265. Beshpalov VG2, Alexandrov VA2, Semenov AL, Kovan'ko EG, Ivanov SD, Vysochina GI, Kostikova VA, Baranenko DA (2016) The inhibitory effect of meadowsweet (*Filipendula*

ulmaria) on radiation-induced carcinogenesis in rats. International Journal of Radiation Biology, 15:1-8., @2016

649. Antonova, O., **Dolashka, P.**, Toncheva, D., Rammenseec, H., Floetenmeyer, M., Stevanovic, S.. In vitro Antiproliferative Effect of Helix aspersa Hemocyanin on Multiple Malignant Cell Lines. Research Gate, 69, 7-8, Article, 2014, ISSN:0939-5075, DOI:10.5560/ZNC.2013-0148, 325-334. SJR:0.9, ISI IF:0.55

Цумура се в:

2266. Hemocyanin from Shrimp Litopenaeus vannamei Has Antiproliferative Effect against HeLa Cell In Vitro., @2016
2267. Immunological properties of oxygen-transport proteins: hemoglobin, hemocyanin and hemerythrin., @2016

650. **Todorova, M., Trendafilova, A.** Sideritis scardica Griseb., an endemic species of Balkan peninsula: Traditional uses, cultivation, chemical composition, biological activity. Journal of Ethnopharmacology, 152, 2, Elsevier, 2014, ISSN:0378-8741, DOI:10.1016/j.jep.2014.01.022, 256-265. SJR:1.195, ISI IF:2.998

Цумура се в:

2268. Kim, S.P., Lee, S.J., Nam, S.H., Friedman, M., Elm Tree (Ulmus parvifolia) Bark Bioprocessed with Mycelia of Shiitake (Lentinus edodes) Mushrooms in Liquid Culture: Composition and Mechanism of Protection against Allergic Asthma in Mice (2016) Journal of Agricultural and Food Chemistry, 64 (4), pp. 773-784., @2016
2269. Vassilevska-Ivanova, R., Shtereva, L., Stancheva, I., Geneva, M., Hristozkova, M. Determination of the antioxidant capacity of Sideritis Scardica Specimens collected at different regions in Bulgaria (2016) Comptes Rendus de L'Academie Bulgare des Sciences, 69 (10), pp. 1307-1314, @2016
2270. Hofrichter, J., Krohn, M., Schumacher, T., Lange, C., Feistel, B., Walbroel, B., Pahnke, J. Sideritis spp. Extracts Enhance Memory and Learning in Alzheimer's β -Amyloidosis Mouse Models and Aged C57Bl/6 Mice (2016) Journal of Alzheimer's Disease, 53 (3), pp. 967-980, @2016
2271. Yavuz, D.Ö. Optimization of Regeneration Conditions and In Vitro Propagation of Sideritis Stricta Boiss & Heldr (2016) International Journal of Biological Macromolecules, 90, pp. 59-62, @2016
2272. Latté, K.P. Sideritis scardica Griseb (2016) Zeitschrift für Phytotherapie, 37 (2), pp. 85-91, @2016

651. **Stoyanov, S.S., Yancheva, D.Y., Stamboliyska, B.A.** DFT study on IR spectral and structural changes caused by the conversion of substituted benzophenones into ketyl radicals. Computational and Theoretical Chemistry, 1046, Elsevier BV, 2014, ISSN:2210-271X, 57-63. SJR:0.443

Цумура се в:

2273. Wang, W. P., Liu, F. S., Liu, Q. J., Liu, Z. T, First principle calculations of solid nitrobenzene under high pressure, Computational and Theoretical Chemistry, 2016, 1075, 98-103., @2016

652. **Petkova, Z., Stoyanova, M., Dimitrov, V.** Palladium-catalyzed allylic alkylation using chiral P,O-ligands synthesized via sulfonamide directed ortho-lithiation. Tetrahedron Letters, 55, 13, Elsevier, 2014, ISSN:0040-4039, DOI:10.1016/j.tetlet.2014.02.040, 2093-2096. SJR:0.72, ISI IF:2.379

Цитирана се в:

2274. Allen, D.W., Phosphines and related C-P bonded compounds, Organophosphorus Chemistry, 2016, 45, 1-50, @2016
653. Hardeman, T., Willot, P., Winter, J. D., Josse, T., Gerbaux, P., **Shestakova, P.**, Nies, E., Koeckelberghs, G.. Study on the formation of a supramolecular conjugated graft copolymer in solution. Journal of Polymer Science, Part A: Polymer Chemistry, 52, 6, WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim, 2014, ISSN:1099-0518, DOI:10.1002/pola.27060, 804-809. ISI IF:3.113

Цитирана се в:

2275. Gosecka, M., Gosecki, M., Kazmierski, S. DOSY NMR as a tool for predicting optimal conditions for hydrogel formation: The case of a hyperbranched polyglycidol cross-linked with boronic acids. Journal of Polymer Science, Part B: Polymer Physics, 54 (21), 2171-2178, (2016)., @2016
2276. Saibal, B., Chithiravel, S., Asha, S.K. P4VP and oligo(phenylenevinylene)-perylenebisimide mixed donor-acceptor supramolecular comb polymer complexes with improved charge carrier mobility. Journal of Polymer Science, Part A: Polymer Chemistry, 54 (15), 2403-2412, (2016)., @2016
654. Mitova, V., Slavcheva, S., **Shestakova, P.**, Momekova, D., Stoyanov, N., Momekov, G., Troev, K., Koseva, N.. Polyphosphoester conjugates of dinuclear platinum complex: Synthesis and evaluation of cytotoxic and the proapoptotic activity. European Journal of Medicinal Chemistry, 72, Elsevier, 2014, ISSN:0223-5234, DOI:10.1016/j.ejmech.2013.11.014, 127-136. ISI IF:3.946

Цитирана се в:

2277. Sun, Y.-G., Sun, Y.-N., You, L.-X., Liu, Y.-N., Ding, F., Ren, B.-Y., Xiong, G., Dragutan, V., Dragutan, I. Novel mononuclear Pt²⁺ and Pd²⁺ complexes containing (2, 3-f)pyrazino(1, 10)phenanthroline-2, 3-dicarboxylic acid as a multi-donor ligand. Synthesis, structure, interaction with DNA, in vitro cytotoxicity, and apoptosis. Journal of Inorganic Biochemistry, 164, 129-140, (2016)., @2016
655. **Popova, M.**, Szegedi, A., Yoncheva, K., Konstantinov, S., Petrova, G.P., Aleksandrov, H.A., Vayssilov, G.N., **Shestakova, P.** New method for preparation of delivery systems of poorly soluble drugs on the basis of functionalized mesoporous MCM-41 nanoparticles. Microporous and Mesoporous Materials, 198, Elsevier, 2014, ISSN:1387-1811, 247-255. SJR:1.15, ISI IF:3.45

Цитирана се в:

2278. Chowdhury, M.A. , The controlled release of drugs and bioactive compounds from mesoporous silica nanoparticles, Current Drug Delivery, 13(6), pp. 839-856, @2016, @2016
2279. Patel, A. , Solanki, P. , 12-Tungstophosphoric acid functionalized MCM-41: synthesis, characterization and study of controlled in vitro release of l-arginine , Journal of Porous Materials, 23 (4), pp. 1113-1123, @2016, @2016
2280. Wan, M.M., Li, Y.Y., Yang, T., Zhang, T., Sun, X.D., Zhu, J.H., In Situ Loading of Drugs into Mesoporous Silica SBA-15 , Chemistry - A European Journal, 22 (18), pp. 6294-6301, @2016, @2016
2281. Fontes, M.S.B., Melo, D.M.A., Costa, C.C., Braga, R.M., Melo, M.A.F., Alves, J.A.B.L.R., Silva, M.L.P., Effect of different silica sources on textural parameters of molecular sieve MCM-41 , Ceramica, 62 (361), pp. 85-90, @2016, @2016
656. Stancheva, I., Geneva, M., Markovska, N., Tzvetkova, Y., Mitova, I., **Todorova, M.**, Petrov, P.. A

comparative study on plant morphology, gas exchange parameters, and antioxidant response of *Ocimum basilicum* L. and *Origanum vulgare* L. grown on industrially polluted soil. Turkish Journal of Biology, 38, 2014, ISSN:1300-0152, 89-102. SJR:0.461, ISI IF:1.368

Цитира се в:

2282. Kapoor, D., Rattan, A., Kaur, S., Bhardwaj, R., Influence of cadmium on antioxidative defence system, photosynthesis, level of osmolytes and ions uptake in *Brassica juncea*, International Journal of Pharmacy and Pharmaceutical Sciences, 8 (10), 204-208, @2016

2283. Nurzyńska-Wierdak, R., Zawislak, G., Chemical composition and antioxidant activity of lavender (*Lavandula angustifolia* Mill.) aboveground parts | [Skład chemiczny i aktywność antyoksydacyjna części nadziemnych lawendy (*Lavandula angustifolia* Mill.)], Acta Scientiarum Polonorum, Hortorum Cultus, 15 (5), 225-241, @2016

657. Ivanov, P.M., Atanasov, E., Jaime, C.. Computational study on the conformations of CD38 and inclusion complexes of some lower-size large ring cyclodextrins. Journal of Molecular Structure, 1056, 2014, 238-245. ISI IF:1.602

Цитира се в:

2284. Assaf, K.I., Gabel, D., Zimmermann, W., Nau, W.M., High-affinity host-guest chemistry of large-ring cyclodextrins, Organic and Biomolecular Chemistry, 14 (2016) 7702-7706, @2016

658. Огнянов, М., Георгиев, Й., Денев, П., Янакиева, И., Крачанова, М.. Биологично активни вещества и здравословни ефекти на шипковите плодове. Наука Диететика, 3-4, Арбилис ООД, 2014, ISSN:1313-9304, 14-27

Цитира се в:

2285. Taneva, I., N. Petkova, I. Dimov, I. Ivanov, P. Denev. Characterization of rose hip (*Rosa canina* L.) fruits extracts and evaluation of their in vitro antioxidant activity. Journal of Pharmacognosy & Phytochemistry, 2016; 5(2): 35-38., @2016

659. Tahir Ali, S., Antonov, L., Fabian, W.M.F.. Phenol–Quinone Tautomerism in (Arylazo)naphthols and the Analogous Schiff Bases: Benchmark Calculations. Journal of Physical Chemistry, 118A, 4, ACS Publishing, 2014, ISSN:1089-5639, DOI:10.1021/jp411502u, 778-789. SJR:1.039, ISI IF:2.693

Цитира се в:

2286. Sun, S., Cheng, S., Zhang, H., Mechanism and kinetic study on the degradation of unsaturated esters initiated by OH radical, Theoretical Chemistry Accounts, 2016, Volume 135, Article number 154, @2016

660. Szegedi, A., Popova, M., Valyon, J., Guarnaccio, A., De Stefanis, A., De Bonis, A., Orlando, S., Sansone, M. A., Teghil, R., Santagata, A.. Comparison of silver nanoparticles confined in nanoporous silica prepared by chemical synthesis and by ultra-short pulsed laser ablation in liquid. Applied Physics A: Materials Science and Processing, 117, 1, Springer, 2014, ISSN:0947-8396, 55-62. ISI IF:1.6

Цитира се в:

2287. Sareen, S., Mutreja, V., Pal, B., Singh, S., Surface structural, morphological, and catalytic studies of homogeneously dispersed anisotropic Ag nanostructures within mesoporous silica, Journal of Nanoparticle Research, 18 (11), pp. 332, @2016, @2016

661. Angelova, S.E., Slavova-Kazakova, A. K., Saso, L., Malhotra, S. V., Prasad, A. K., Bracke, M. E., Parmar, V. S., Kancheva, V.D.. DFT/B3LYP calculated bond-dissociation enthalpies, radical-

scavenging and antioxidant activities of natural-like coumarins. Bulgarian Chemical Communications, 46, Special Issue A, Journal of the Chemicals Institutes of the Bulgarian Academy of Sciences and of the Union of Chemists in Bulgaria, 2014, ISSN:0324-1130, 187-195. ISI IF:0.201

Цумура се в:

2288. Wenrui Zheng, Lanlan Ding, Jiaoyang Wang and Yingxing Wang, Computational study on alkenyl/aryl C(sp²)-O homolytic cleavage of carboxylates and carbamates, RSC Adv., 2016, 6, 26514-26525, DOI: 10.1039/C5RA27859G, @2016

662. Popova, M., Szegedi, A., Ristić, A., Tušar, N.. Glycerol acetylation on mesoporous KIL-2 supported sulphated zirconia catalysts. Catalysis Science and Technology, 4, 11, Royal Society of Chemistry, 2014, ISSN:2044-4753, 3993-4000. ISI IF:5.426

Цумура се в:

2289. Kale, S.S., Armbruster, U., Eckelt, R., Bentrup, U., Umbarkar, S.B., Dongare, M.K., Martin, A., Understanding the role of Keggin type heteropolyacid catalysts for glycerol acetylation using toluene as an entrainer, Applied Catalysis A: General, 527, pp. 9-18, @2016, @2016

2290. An, S., Sun, Y., Song, D., Zhang, Q., Guo, Y., Shang, Q., Arenesulfonic acid-functionalized alkyl-bridged organosilica hollow nanospheres for selective esterification of glycerol with lauric acid to glycerol mono- and dilaurate, Journal of Catalysis, 342, pp. 40-54, @2016, @2016

2291. Malleshham, B., Govinda Rao, B., Reddy, B.M., Production of biofuel additives by esterification and acetalization of bioglycerol, Comptes Rendus Chimie, 19(10), pp. 1194-1202, @2016, @2016

2292. Okoye, P.U., Hameed, B.H., Review on recent progress in catalytic carboxylation and acetylation of glycerol as a byproduct of biodiesel production, Renewable and Sustainable Energy Reviews, 53, pp. 558-574, @2016, @2016

663. Jashari, A., Imeri, F., Ballazhi, L., Shabani, A., **Mikhova, B.**, Dräger, G., Popovski, E., Huwiler, A.. Synthesis and cellular characterization of novel isoxazolo- and thiazolohydrazinylidene-chroman-2,4-diones on cancer and non-cancer cell growth and death. Bioorganic & Medicinal Chemistry, 22, Elsevier, 2014, ISSN:0968-0896, DOI:dx.doi.org/10.1016/j.bmc.201403.026, 2655-2661. ISI IF:2.793

Цумура се в:

2293. Sudhan, P.N., Sheik Mansoor, S. Facile synthesis and antimicrobial activity of a novel series of 7, 8-dihydro-2-(2-oxo-2H-chromen-3-yl)-5-aryl-cyclopenta[b]pyrano-pyrimidine-4, 6-5H-dione derivatives catalyzed by reusable silica-bonded N-propyl diethylenetriamine sulfamic acid, @2016

2294. Angelova, V.T., Vassilev, N.G., Nikolova-Mladenova, B., Vitas, J., Malbaša, R., Momkov, G., Djukic, M., Saso, L. Antiproliferative and antioxidative effects of novel hydrazone derivatives bearing coumarin and chromene moiety, @2016

2295. Venkata Sairam, K., Gurupadayya, B.M., Chandan, R.S., Nagesha, D.K., Vishwanathan, B. A review on chemical profile of coumarins and their therapeutic role in the treatment of cancer, @2016

664. Glavcheva, Z. I., Yancheva, D. Y., Kancheva, Y. K., **Velcheva, E. A., B. A. Stamboliyska.** Development of FTIR spectra database of reference art and archaeological materials. Bulgarian Chemical Communications, 46, Special Issue A, 2014, ISSN:0324-1130, 164-169. ISI IF:0.349

Цумура се в:

- 2296.** Măruțoiu, C., I. Bratu, L. Troșan, C. Neamtu, V.C. Măruțoiu, D. Pop, C. Tănăselia, S. Garabagiu, Scientific investigation of the Imperial Gates belonging to the wooden church from Săcel, Turda County, Romania, *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 2016, 152, 311-317, @2016
- 2297.** Moldovan, Z., Bratu, I., Marutoiu, C., Kacso, I., Trosan, L., Pop-Toader, D., Nemes, O.F. and Tanaselia, C., Characterization of an Eighteenth Century Wooden Icon from the Ethnographic Museum of Transylvania. *Analytical Letters*, 2016, 49, (16), 2597-2605, @2016
- 665. Bankova, V., Popova, M., Trusheva, B..** Propolis volatile compounds: chemical diversity and biological activity: a review. *Chemistry Central Journal*, 8, 2014, ISI IF:2.187

Цитира се в:

- 2298.** Gheybi, N., Biniyaz, R. B., Taherkhani, R., Hashemi, H. J., Chegini, R., Saremi, M., Zarmehri H. A., Najafipour, R., Sofiabadi M. "Effect of Ethanolic Extract of Propolis on Serum Biochemical Factors Level and Total Antioxidant Capacity in Adult Male Rats", *Quarterly of the Horizon of Medical Sciences* 22(2), 145-150 (2016)., @2016
- 2299.** Žilius, M., Ramanauskienė, K., Juškaitė, V., Briedis, V. "Formulation of Propolis Phenolic Acids Containing Microemulsions and Their Biopharmaceutical Characterization", *eCAM* 2016, Art ID 8175265, 7 pages (2016)., @2016
- 2300.** Al-Ghamdi, A. A., Bayaqoob, N. I. M., Rushdi, A. I., Alattal, Y., Simoneit, B. R. T., El-Mubarak, A. H., Al-Mutlaq, K. F. "Chemical compositions and characteristics of organic compounds in propolis from Yemen", *Saudi Journal of Biological Sciences* (2016)*, doi: <http://dx.doi.org/10.1016/j.sjbs.2016.12.012>, @2016
- 2301.** Šuran, J., Matanović, K., Brozić, D., Mašek, T., Maćešić, N., Radin, L., Aladrović, J., Božić, F., Martinec, B. Š., Lipar, M., Smolec, O., Benić, M., Radić, B., Bačić, G. "Antimicrobial Activity of Propolis and its potential Uses in Veterinary Medicine" (in Croatian), *Veterinarska stanica* 47(4), 381-385 (2016)., @2016
- 2302.** Erler, S., Moritz, R. F. A. "Pharmacophagy and pharmacophory: mechanisms of self-medication and disease prevention in the honeybee colony (*Apis mellifera*)". *Apidologie* 47(3), 389-411 (2016)., @2016
- 2303.** Han, S. M., Hong, I. P., Woo, S. O., Kim, S. G., Jang, H. R., Jang, J. S. "Anti-*Helicobacter pylori* Activity of Korean Propolis", *The Korean Journal of Food And Nutrition* 29(1), 73-78 (2016)., @2016
- 2304.** Galeotti, F., Crimaldi, L., Maccari, F., Zaccaria, V., Fachini, A., Volpi, N. "Selective treatment to reduce contamination of propolis by polycyclic aromatic hydrocarbons (PAHs) still preserving its active polyphenol component and antioxidant activity", *Nat Prod Res*, In Press, doi: 10.1080/14786419.2016.1269093 (2016)., @2016
- 2305.** Machado, B. A. S., Silva, R. P. D., Barreto, G. A., Costa, S. S., da Silva, D. F., Brandão, H. N., da Rocha, J. L. C., Dellagostin, O. A., Henriques, J. A. P., Umsza-Guez, M. A., Padilha, F. F. "Chemical Composition and Biological Activity of Extracts Obtained by Supercritical Extraction and Ethanolic Extraction of Brown, Green and Red Propolis Derived from Different Geographic Regions in Brazil", *PLoS ONE* 11(1), Art No e0145954 (2016)., @2016
- 2306.** Rizzolo, A., Bianchi, G., Povolò, M., Migliori, C. A., Contarini, G., Pelizzola, V., Cattaneo, T. M. P. "Volatile compound composition and antioxidant activity of cooked ham slices packed in propolis-based active packaging", *Food Packaging and Shelf Life* 8, 41–49 (2016)., @2016
- 2307.** Debab, M., Toumi-Benali, F. & Dif, M. M. "Antioxidant activity of propolis of West Algeria", *Phytothérapie* (2016). doi:10.1007/s10298-016-1085-9, @2016

2308. Demir, S., Aliyazicioglu, Y., Turan, I., Misir, S., Mentese, A., Yaman, S. O., Akbulut, K., Kilinc, K., Deger, O. "Antiproliferative and proapoptotic activity of Turkish propolis on human lung cancer cell line", *Nutrition and Cancer* 68(1), 165-172, 2016. doi: 10.1080/01635581.2016.1115096, @2016
2309. Funakoshi-Tago, M., Ohsawa, K., Ishikawa, T., Nakamura, F., Ueda, F., Narukawa, Y., Kiuchi, F., Tamura, H., Tago, K., Kasahara, T. "Inhibitory effects of flavonoids extracted from Nepalese propolis on the LPS signaling pathway", *Int Immunopharm* 40, 550–560 (2016)., @2016
2310. Rebaza, R., Amaya, L., Gutiérrez, A., Haro, R., Tumbajulca, M., Valera, F., Vargas, Y., Barraza-Jauregui, G., Vargas, J. M. L., Sánchez-González, J. A. "Propolis application on active packaging", *Agroind Sci* 6(2), 239-252, @2016
2311. Kačániová, M., Almeida-Aguiar, C. "Antimicrobial Activity of Honeybee Plant-Derived Products", In *Chemistry, Biology and Potential Applications of Honeybee Plant-Derived Products* (e-book), Susana M. Cardoso (editor), Bentham Science Publishers, Sharjah, UAE, 2016, Vol. 1, p. 387-434. ISBN: 978-1-68108-237-0., @2016
2312. Okińczyc, P., Sroka, Z., Kulma, A., Franiczek, R., Krzyżanowska, B., B Żbikowska, B. "Poliphenolic composition and some biological activity of Polish and Canadian propolis", VII Lubelskie Sympozjum Doktorantów Nauk Farmaceutycznych, 19 April 2016, Lublin, Poland, p 18., @2016
2313. Okińczyc, P., Szumny, A., Sroka, Z., Politowicz, J. "Volatile components of crude Canadian and Polish propolis and their preparations", VII Lubelskie Sympozjum Doktorantów Nauk Farmaceutycznych, 19 April 2016, Lublin, Poland, p 44., @2016
2314. Oladayo, M. I. "Nigerian propolis improves blood glucose, glycated hemoglobin A1c, very low-density lipoprotein, and highdensity lipoprotein levels in rat models of diabetes", *J Intercult Ethnopharmacol* 5(3), 233–238 (2016)., @2016
2315. Saelo, S., Assatarakul, K., Sane, A., Suppakul, P. "Fabrication of novel bioactive cellulose-based films derived from caffeic acid phenethyl ester-loaded nanoparticles via a rapid expansion process: RESOLV", *J Agric Food Chem* 64(35), 6694–6707 (2016)., @2016
2316. Nishimura, E., Murakami, S., Suzuki, K., Amano, K., Tanaka, R., Shinada, T. "Structure Determination of Monomeric Phloroglucinol Derivatives with a Cinnamoyl Group Isolated from Propolis of the Stingless Bee, *Tetragonula carbonaria*", *Asian J Org Chem* 5(7), 855–859 (2016)., @2016
2317. Lawal, B., Shittu, O. K., Abubakar, A. N., Olalekan, I. A., Jimoh, A. M., Abdulazeez, A. K. "Drug leads agents from methanol extract of Nigerian bee (*Apis mellifera*) propolis", *J Intercult Ethnopharmacol* 5(1), 43-48 (2016)., @2016
2318. Jerković, I., Marijanović, Z., Kuš, P. M., Tuberoso, C. I. G. "Comprehensive study of Mediterranean (Croatian) propolis peculiarity: headspace, volatiles, anti-varroa-treatment residue, phenolics, and antioxidant properties", *Chemistry and Biodiversity* 13(2), 210-218 (2016)., @2016

2015

666. Ivanova, D., Deneva, V., Nedeltcheva, D., Kamounah, F.S., Gergov, G., Hansen, P.E., Kawauchi, S., Antonov, L.. Tautomeric transformations of piroxicam in solution: a combined experimental and theoretical study. *RSC Advances*, 5, 40, RSC, 2015, DOI:10.1039/c5ra03653d, 31852-31860. ISI IF:3.84

Цумура се в:

2319. Charumanee, S., Okonogi, S., Sirithunyalug, J., Wolschann, P., Viernstein, H., Effect of cyclodextrin types and co-solvent on solubility of a poorly water soluble drug, *Scientia Pharmaceutica*, 2016, Volume 84, Pages 694-704, @2016
2320. Ledesma-Olvera, L.G., Agacino-Valdés, E., Gómez-Balderas, R., Stability constants of Cu(II)-piroxicam complexes in solution: a DFT study, *Teoretical Chemistry Accounts*, 2016, Volume 135, Article number 241, @2016
2321. Chi, Y., Liu, C., Ren, T., Wang, X., Yang, Q., Yang, Z., Yang, Y., Yang, S., Gu, J., Hu, C., Sodium Salts and Solvate of Rebamipide: Synthesis, Structure, and Pharmacokinetic Study, *Crystal Growth and Design*, 2016, Pages 3180-3189, @2016
667. Petkova, N., **Ognyanov, M.**, Todorova, M., Denev, P.. Ultrasound-assisted extraction and characterization of inulin-type fructan from roots of elecampane (*Inula helenium* L.). *Acta Scientifica Naturalis*, 1, 1, "Konstantin Preslavsky" University; DE GRUYTER OPEN, 2015, ISSN:2367-5144 (E), 225-235

Цумура се в:

2322. Atia, Abdelbasset. Développement d'une matrice prébiotique pour l'encapsulation des probiotiques bactériocinogènes, destinée à l'alimentation animale. *Philosophiae doctor (Ph.D.) these*. Université Laval, Québec, Canada (2016). pp. 219., @2016
668. **Tsoncheva T., Genova I., Dimitrov M.**, Sarcadi-Priboczki E., Venezia A. M., Kovacheva D., Scotti N., dal Santo V.. Nanostructured copper-zirconia composites as catalysts for methanol decomposition. *Applied Catalysis B: Environmental*, 165, Elsevier, 2015, ISSN:09263373, 599-610. SJR:2.088, ISI IF:6.639

Цумура се в:

2323. Basahel, S.N., Mokhtar, M., Alsharaeh, E.H., Mahmoud, H.A., Narasimharao, K. Physico-chemical and catalytic properties of mesoporous CuO-ZrO₂ catalysts, @2016
2324. Álvarez-Falcón, L., Viñes, F., Notario-Estévez, A., Illas, F., On the hydrogen adsorption and dissociation on Cu surfaces and nanorows, @2016
2325. Michalska-Domańska, M., Józwiak, P., Jankiewicz, B.J., Stepniowski, W.J., Bojar, Z., Study of Cyclic Ni₃Al Catalyst Pretreatment Process for Uniform Carbon Nanotubes Formation and Improved Hydrogen Yield in Methanol Decomposition, @2016
2326. Zhang, Y.-C., Ren, R.-P., Liu, S.-Z., Zuo, Z.-J., Lv, Y.-K., Theoretical study on the influence of a secondary metal on the Cu(110) surface in the presence of H₂O for methanol decomposition, @2016
2327. Zhou, H., Shen, Y., Xi, J., Qiu, X., Chen, L., ZrO₂-Nanoparticle-Modified Graphite Felt: Bifunctional Effects on Vanadium Flow Batteries, @2016
669. **Tsyntsarski, B., Stoycheva, I., Tsoncheva, T., Genova, I., Dimitrov, M., Petrova, B.**, Paneva, D., Cherkezova-Zheleva, Z., **Budinova, T.**, Kolev, H., Gomis-Berenguer, A., Conchi Ania, C.O., Mitov, I., **Petrov, N.** Activated carbons from waste biomass and low rank coals as catalyst supports for hydrogen production by methanol decomposition. *Fuel Processing Technology*, 137, Elsevier, 2015, ISSN:0378-3820, DOI:10.1016/j.fuproc.2015.04.016, 139-147. SJR:1.571, ISI IF:3.836

Цумура се в:

2328. Meryemoglu, B., Irmak, S., Hasanoglu, A., Production of activated carbon materials from kenaf biomass to be used as catalyst support in aqueous-phase reforming process, *Fuel Processing*

2329. Pankina, G.V., Chernavskii, P.A., Lunin, V.V., A new hydrocarbon material based on seabuckthorn (*Hippophae rhamnoides*) sawdust: A structural promoter of cobalt catalyst for Fischer–Tropsch synthesis. Russian Journal of Physical Chemistry A, vol. 90, pp. 1743-1748. DOI: 10.1134/S0036024416090223., @2016

670. Markova, N., Pejov, L., Enchev, V.. A Hybrid Statistical Mechanics—Quantum Chemical Model for Proton Transfer in 5-Azauracil and 6-Azauracil in Water Solution. International Journal of Quantum Chemistry, 115, Wiley, 2015, DOI:10.1002/qua.24871, 477-485. ISI IF:1.432

Цумупа се в:

2330. Elroby, S.A., Tautomerization, acidity, basicity, and stability of cyanoform: A computational study, Chem. Central J., 2016, Volume 10, Article number 20, DOI: 10.1186/s13065-016-0166-z, @2016
2331. Mishev, A., Bridging the computer and life sciences: the case of VI-SEEM, Macedonian pharmaceutical bulletin, 2016, Volume 62 (suppl), Pages 27 - 29, @2016
2332. Prasanthkumar, K.P. , Alvarez-Idaboy, J.R., Kumar, P.V., Singh, B.G., Priyadarsini, K.I., Contrasting reactions of hydrated electron and formate radical with 2-thio analogues of cytosine and uracil, Phys. Chem. Chem. Phys., 2016, Volume 18, Pages 28781-28790, DOI: 10.1039/c6cp04483b, @2016

671. Assaf, K.I., Ural, M.S, Pan, F., Georgiev, T., Simova, S., Rissanen, K., Gabel, D., Nau, W.M.. Water Structure Recovery in Chaotropic Anion Recognition: High-Affinity Binding of Dodecaborate Clusters to γ -Cyclodextrin. Angewandte Chemie - International Edition, 54, 23, Wiley, 2015, ISSN:1433-7851(Print) 1521-3773(Online), DOI:10.1002/anie.201412485, 6852-6856. SJR:5.15, ISI IF:11.261

Цумупа се в:

2333. Biedermann, F., Schneider, H. J., Experimental Binding Energies in Supramolecular Complexes, Chemical Reviews, 116(9), pp. 5216-5300., @2016
2334. Brown, A., Beer, P. D., Halogen bonding anion recognition, Chemical Communications, 52(56), pp. 8645-8658., @2016
2335. Ďord'ovič, V., Tošner, Z., Uchman, M., (...), Gradzielski, M., Matějček, P., Stealth Amphiphiles: Self-Assembly of Polyhedral Boron Clusters, Langmuir, 32(26), pp. 6713-6722., @2016
2336. Gale, P. A., Howe, E. N. W., Wu, X., Anion Receptor Chemistry - review, Chem, 1(3), pp. 351-422., @2016
2337. Hillyer, M. B., Gibb, B. C., Molecular Shape and the Hydrophobic Effect, Annual Review of Physical Chemistry, 67, pp. 307-329, @2016
2338. Langton, M. J., Marques, I., Robinson, S. W., Félix, V., Beer, P. D., Iodide Recognition and Sensing in Water by a Halogen-Bonding Ruthenium(II)-Based Rotaxane, Chemistry - A European Journal, 22(1), pp. 185-192., @2016
2339. Langton, M. J., Serpell, C. J., Beer, P. D., Anion recognition in water: Recent advances from a supramolecular and macromolecular perspective, Angewandte Chemie - International Edition, 55(6), pp. 1974-1987., @2016
2340. Langton, M. J., Serpell, C. J., Beer, P. D., Anionenerkennung in Wasser: aktuelle Fortschritte aus supramolekularer und makromolarer Sicht, Angewandte Chemie, 128(6), pp. 2012-2026., @2016

2341. Liu, Y., Singharoy, A., Mayne, C. G., (...), Schulten, K., Flood, A. H., Flexibility Coexists with Shape-Persistence in Cyanostar Macrocycles, *Journal of the American Chemical Society*, 138(14), pp. 4843-4851., @2016
2342. Pursell, J. L., Pursell, C. J., Host-Guest Inclusion Complexation of α -Cyclodextrin and Triiodide Examined Using UV-Vis Spectrophotometry, *Journal of Physical Chemistry A*, 120(13), pp. 2144-2149., @2016
2343. Qiao, B., Anderson, J. R., Pink, M., Flood, A. H., Size-matched recognition of large anions by cyanostar macrocycles is saved when solvent-bias is avoided, *Chemical Communications*, 52(56), pp. 8683-8686., @2016
2344. Sokkalingam, P., Shraberg, J., Rick, S. W., Gibb, B. C., Binding Hydrated Anions with Hydrophobic Pockets, *Journal of the American Chemical Society*, 138(1), pp. 48-51., @2016
2345. Warneke, J., Jenne, C., Bernarding, J., Azov, V. A., Plaumann, M., Evidence for an intrinsic binding force between dodecaborate dianions and receptors with hydrophobic binding pockets, *Chemical Communications*, 52(37), pp. 6300-6303., @2016
672. Miliovsky, M., Svinyarov, I., Prokopova, E., **Batovska, D, Stoyanov, S**, Bogdanov, M.G.. Synthesis and antioxidant activity of polyhydroxylated trans-restricted 2-arylcinnamic acids. *Molecules*, 20, 2, Multidisciplinary Digital Publishing Institute (MDPI), 2015, ISSN:1420-3049, DOI:10.3390/molecules20022555, 2555-2575. SJR:0.65, ISI IF:2.416

Цумура се в:

2346. Antioxidant properties comparative study of natural hydroxycinnamic acids and structurally modified derivatives: Computational insights, @2016
673. Ibraliu, A., **Trendafilova, A.B.**, Anđelković, B.D., Qazimi, B., Godevac, D.M., Shengjergji, D., Bebeci, E., Stefkov, G, Zdunic, G., Aneva, I.I., Pasho, I., Petreska-Stanoeva, J., **Alipieva, K. I.**, Savikin, K., Evstatieva, L. N., Menkovic, N., Stefova, M. I., **Popova, M.**, Jadranin, M. B., **Todorova, M. N.**, **Denev, P.**, Kulevanova, S., **Bankova, V. S.**, Gurazi, V., Papajani-Toska, V.. Comparative Study of Balkan Sideritis Species from Albania, Bulgaria and Macedonia.. *European Journal of Medicinal Plants*, 5, 4, 2015, ISSN:2231-0894, DOI:10.9734/EJMP/2015/14389, 328-340

Цумура се в:

2347. Latté K. P. ZPT – Zeitschrift für Phytotherapie; 37, 85–91 (2016)., @2016
674. Taskin, G. C., Durmus, M., Yuksel, F., **Mantareva, V.**, Kussovski, V., **Angelov, I.**, Atilla, D.. Axially paraben substituted silicon(IV) phthalocyanines towards dental pathogen *Streptococcus mutans*: Synthesis, photophysical, photochemical and in vitro properties.. *J. Photochem. Photobiol. A: Chemistry*, 306, ELSEVIER, 2015, ISSN:1010-6030, DOI:http://dx.doi.org/10.1016/j.jphotochem.2015.03.010, 31-40. SJR:0.751, ISI IF:2.495

Цумура се в:

2348. Zekeriya Biyiklioglu, Hakan Alp, Synthesis, characterization, electropolymerization and aggregation properties of axially diethyl-dimethylaminophenoxypropanoxy substituted silicon phthalocyanines and their water soluble derivatives, *Dyes and Pigments*, 2016, Volume 132, September 2016, Pages 213–222, @2016
2349. Anna Lukowiaka, Anna Kedziora, Wieslaw Strek, Antimicrobial graphene family materials: Progress, advances, hopes and fears, *Advances in Colloid and Interface Science*, 236, 2016, 101-112, @2016
2350. Francesca Setaro, Rubén Ruiz-González, Santi Nonell, Uwe Hahna, Tomás Torres, *Synthesis*,

photophysical studies and 1O₂ generation of ruthenium phthalocyanine dendrimers, J. Porphyrins Phthalocyanines 20, 1(4), 2016, 378., @2016

2351. Daniela Gerlach, Erica Brendler and Jörg Wagler, Hexacoordinate Silicon Compounds with a Dianionic Tetradentate (N, N1, N1, N)-Chelating Ligand, Inorganics, Inorganics 2016, 4(2), 1-8; doi:10.3390/inorganics4020008, @2016

2352. Y. Gerasymchuk , A. Lukowiak, A. Wedzynska, A. Kedziora, G. Bugla-Ploskonska, D. Piatek, T. Bachanek, V. Chernii, L. Tomachynski, W. Strek , New photosensitive nanometric graphite oxide composites as antimicrobial material with prolonged action , Journal of Inorganic Biochemistry, Volume 159, June 2016, Pages 142–148 doi:10.1016/j.jinorgbio.2016.02.019, @2016

675. Araújo, M. J. A. M., Búfalo, M. C., Conti, B. J., Fernandes Jr, A., **Trusheva, B., Bankova, V.**, Sforcin, J. M.. The chemical composition and pharmacological activities of geopropolis produced by *Melipona fasciculata* Smith in northeast Brazil. Journal of Molecular Pathophysiology, 4, 1, 2015, DOI:10.5455/jmp.20150127045909, 12-20

Цумура се в:

2353. Batista, M. C. A., Abreu, B. V. B., Dutra, R. P., Cunha, M. S., do Amaral, F. M. M., Torres, L. M. B., Ribeiro, M. N. S. “Chemical composition and antioxidant activity of geopropolis produced by *Melipona fasciculata* (Meliponinae) in flooded fields and cerrado areas of Maranhão State, northeastern Brazil”, Acta Amazonica 46(3), 315-322 (2016)., @2016

676. Nedelcheva, A., **Kostova, N.**, Sidjimov, A.. Pyrrolizidine alkaloids in *Tussilago farfara* from Bulgaria. Biotechnology & Biotechnological Equipment, 29, S1, Taylor & Francis, 2015, ISSN:1310-2818, DOI:DOI: 10.1080/13102818.2015.1047149, S1-S7. ISI IF:0.3

Цумура се в:

2354. Bureau L., Revue commentée de plantes en aromathérapie, Phytotherapie, 2016, 14(1), 73-77, @2016

677. Savarese, M., Bremond, E., **Antonov, L.**, Ciofini, I., Adamo, K.. Computational Insights into Excited-State Proton-Transfer Reactions in Azo and Azomethine Dyes. ChemPhysChem, 16, 18, Wiley, 2015, DOI:10.1002/cphc.201500589, 3966-3973. ISI IF:3.419

Цумура се в:

2355. Budzák, S., Jacquemin, D., Mechanism of Fluorescence Switching in One ESIPT-Based Al³⁺ Probe, Journal of Physical Chemistry B, 2016, Volume 120, Pages 6730-6738, @2016

2356. Raoui, M., Massue, J., Azarias, C., Jacquemin, D., Ulrich, G., Highly fluorescent extended 2-(2'-hydroxyphenyl)benzazole dyes: Synthesis, optical properties and first-principle calculations, Chemical Communications, 2016, Volume 52, Pages 9216-9219, @2016

678. **Mavrodinova, V., Popova, M.**, Yoncheva, K., Mihaly, J., Szegedi, A.. Solid-state encapsulation of Ag and sulfadiazine on zeolite Y carrier. Journal of Colloid and Interface Science, 458, Elsevier, 2015, ISSN:0021-9797, DOI:10.1016/j.jcis.2015.07.026, 32-38. SJR:1.095, ISI IF:3.368

Цумура се в:

2357. Karavasili, C., Kokove, L., Kontopoulou, I., Eleftheriadis, G.K., Bouropoulos, N., Fatouros, D.G., Dissolution enhancement of the poorly soluble drug nifedipine by co-spray drying with microporous zeolite beta , Journal of Drug Delivery Science and Technology, 35, pp. 91-97, @2016, @2016

2358. Zhu, W., Wang, J., Wang, Y., Wang, H., Study on sulfadimethoxine removal from aqueous solutions by hydrous ferric oxides, Water Science and Technology, 74 (5), pp. 1136-1142, @2016, @2016

679. Ballazhi, L., Popovski, E., Jashari, A., Imeri, F., I. Ibrahimi, **Mikhova, B.**, Mladenovska, K.. Potential antiproliferative effect of isoxazolo- and thiazolo coumarin derivatives on breast cancer mediated bone and lung metastatic. Acta Pharmaceutica, 65, Croatian Pharmaceutical Society, 2015, ISSN:ISSN 1330-0075, eISSN 1846-9558, DOI:10.1515/acph-2015-0002, 53-63. ISI IF:1.62

Цумупа се в:

2359. Singh, P., Ngcoya, N., Kumar, V. A review of the recent developments in synthetic anti-breast cancer agents, @2016

2360. Chennuru, R., Maddimsetti, B., Gundlapalli, S., Babu, R.R.C., Mahapatra, S. Crystal structure of 3-bromoacetyl-6-chloro-2H-1-benzopyran-2-one, @2016

680. Savka, M.A., Dailey, L., **Popova, M.**, Mihaylova, R., Merritt, B., Masek, M., Le, P., Mat Nor, S. R., Ahmad, M., Hudson, A. O., **Bankova, V.**.. Chemical composition and disruption of quorum sensing signaling in geographically diverse United States propolis.. Evidence-Based Complementary and Alternative Medicine, 2015, Article ID 472593, Hindawi, 2015, DOI:http://dx.doi.org/10.1155/2015/472593, ISI IF:1.88

Цумупа се в:

2361. Anđelković, B., L. Vujisić, I. Vučković, V. Tešević, V. Vajs, D. Gođevac. Journal of Pharmaceutical and Biomedical Analysis (2016)*
http://dx.doi.org/10.1016/j.jpba.2016.12.003, @2016

2362. Sforcin, J.M. Biological Properties and Therapeutic Applications of Propolis. Phytotherapy Research 30(6), 894-905, 2016, @2016

2363. Alday, E., M. Navarro-Navarro, A. Garibay-Escobar, R. Robles-Zepeda, J. Hernandez, C. Velazquez. In : Chambo, E.D. (Editor) "Beekeeping and Bee Conservation - Advances in Research", ISBN 978-953-51-2412-2, Print ISBN 978-953-51-2411-5, INTECH, 2016, @2016

681. **Kurteva, V. B.**, Shivachev, B. L., Nikolova, R. P., **Simova, S. D.**, **Antonov, L. M.**, Lubenov, L. A., Petrova, M. A.. Conformational behavior of 3-methyl-4-(4-methylbenzoyl)-1-phenyl-pyrazol-5-one: a sudden story of three desmotrops. RSC Advances, 5, 90, RSC, 2015, ISSN:2046-2069, DOI:10.1039/C5RA11858A, 73859-73867. SJR:1.026, ISI IF:3.84

Цумупа се в:

2364. Pettinari, R.; Marchetti, F.; Pettinari, C.; Condello, F.; Skelton, B. W.; White, A. H.; Chierotti, M. R.; Gobetto, R.; Self-assembly of arene ruthenium acylpyrazolone fragments to tetranuclear metallacycles. Molecular structures and solid-state 15N CPMAS NMR correlations, Dalton Transactions, 2016, 45, 3974-3982., @2016

682. **Mikhova, B.**, L. Ballazhi, E. Popovski, A. Jashari, F. Imeri, I. Ibrahimi, K. Mladenovska. Antiproliferative effect of isoxazolo- and thiazolo coumarin derivatives on breast metastatic cancer in bone and lung cells. Acta Pharmaceutica, 65, Croatian Pharmaceutical Society, 2015, ISSN:ISSN 1330-0075, eISSN 1846-9558, DOI:10.1515/acph-2015-0002, 53-63. ISI IF:1.62

Цумупа се в:

2365. Singh, P., Ngcoya, N., Kumar, V. A review of the recent developments in synthetic anti-breast cancer agents (2016) Anti-Cancer Agents in Medicinal Chemistry, 16 (6), pp. 668-685., @2016

2366. Chennuru, R., Maddimsetti, B., Gundlapalli, S., Babu, R.R.C., Mahapatra, S. Crystal structure of 3-bromoacetyl-6-chloro-2H-1-benzopyran-2-one (2016) Acta Crystallographica Section E: Crystallographic Communications, 71, pp. o615-o616., @2016

683. Atanassova, M., **Kurteva, V.**, Lubenov, L., **Varbanov, S.**, Billard, I. Are fancy acidic or neutral ligands really needed for synergism in ionic liquids? A comparative study of lanthanoids extraction in CHCl₃ and an ionic liquid. New Journal of Chemistry, 39, RSC, 2015, ISSN:1144-0546 (Print), 1369-9261 (Electronic), DOI:10.1039/C5NJ00777A, 7932-7941. SJR:0.925, ISI IF:3.086

Цумура се в:

2367. Gujar, R. B.; Ansari, S. A.; Sengupta, A.; Murali, M. S.; Mohapatra, P. K.; Extractive complexation of lanthanides and Am(III) by 1-phenyl-3-methyl-4-benzoyl-5-pyrazolone in ionic liquid: Solvent extraction and spectroscopic studies, Inorganic Chemistry Communications, 2016, 73, 72-76., @2016

684. **Mantareva, V.**, **Eneva, I.**, Kussovski, V., Borisova, E., **Angelov, I.** Antimicrobial photodisinfection with Zn(II) phthalocyanine adsorbed on TiO₂ upon UVA and red irradiation. Proc. of SPIE, 9447, 94470W, SPIE, 2015, ISSN:0277-786x; 1996-756x, DOI:10.1117/12.2084307, 1-9. SJR:0.21

Цумура се в:

2368. Sokołowski, A. Więcek, T. , Ventilation system with automatic antiseptic mechanism, Instytut Naukowo-Wydawniczy "SPATIUM". sp. z o.o., 17, 6, 416--419, @2016

685. **Kantardjiev, A.** irGPU.proton.Net: Irregular strong charge interaction networks of protonatable groups in protein molecules-a GPU solver using the fast multipole method and statistical thermodynamics. Journal of Computational Chemistry, 36, 9, John Wiley and Sons, 2015, ISSN:0192-8651, DOI:10.1002/jcc.23842, 689-693. SJR:1.326, ISI IF:3.589

Цумура се в:

2369. Purvine, E., Monson, K., Jurrus, E., Star, K., Baker, N.A. Energy Minimization of Discrete Protein Titration State Models Using Graph Theory (2016) Journal of Physical Chemistry B, 120 (33), pp. 8354-8360., @2016

686. **Kurteva, V.**, Atanassova, M., Billard, I. NMR study on the possible interactions between imidazolium based ionic liquids and widely applied in solvent extraction and separation of f-ions extractants. Journal of Solution Chemistry, 44, Springer, 2015, ISSN:0095-9782 (print), 1572-8927 (electronic), DOI:10.1007/s10953-015-0420-3, 2416-2430. SJR:0.456, ISI IF:1.177

Цумура се в:

2370. Singh, V.; Banipal, P. K.; Gardas, R. L.; Banipal, T. S.; Speed of sound and apparent molar isentropic compression of 1-butyl-3-methylimidazolium bromide in aqueous monosaccharide solutions, Journal of Molecular Liquids, 2016, 223, 54-59., @2016

687. **Enchev, V.**, **Angelov, I.**, **Mantareva, V.**, **Markova, N.** 2-Carbamido-1,3-indandione - a Fluorescent Molecular Probe and Sunscreen Candidate. J. Fluorescence, 25, 6, Springer, 2015, ISSN:1573-4994 (Online); 1053-0509 (print), DOI:10.1007/s10895-015-1645-7, 1601-1614. SJR:0.473, ISI IF:1.927

Цумура се в:

2371. Planejamento, síntese, caracterização e avaliação toxicológica de um novo composto candidato a protótipo de fotoprotetor orgânico-LQFM184 DC Vinhal - 2016 - repositorio.bc.ufg.br, <http://repositorio.bc.ufg.br/tede/handle/tede/6394>, @2016

688. Smelcerovic, Z., Veljkovic, A., Kocic, G., **Yancheva, D.**, Petronijevic, Z., Anderluh, M., Smelcerovic, A.. Xanthine oxidase inhibitory properties and anti-inflammatory activity of 2-amino-5-alkylidenethiazol-4-ones. 229, *Chemico-Biol. Interact.*, 2015, 73-81. ISI IF:2.577

Цитира се в:

2372. X.-L. Liu, S. Li, D.-L. Meng, Anti-gout nor-oleanane triterpenoids from the leaves of *Stauntonia brachyanthera*, *Bioorg. Med. Chem. Lett.*, 26, 2874-2879 (2016), @2016
2373. C.J. Chen, J.-M. Lü, Q. Yao, Hyperuricemia-related diseases and xanthine oxidoreductase (XOR) inhibitors: An overview, *Med. Sci. Monitor*, 22, 2501-2512 (2016), @2016
2374. Jiang, H.Z., Tan, R., Jiao, R.H., Deng, X.Z., Tan, R.X. Herpecaudin from *Herpetospermum caudigerum*, a Xanthine Oxidase Inhibitor with a Novel Isoprenoid Scaffold, *Planta Med.*, 82, 1122-1127., @2016

689. Sanpa, S., **Popova, M.**, **Bankova, V.**, Tunkasiri, T., itssayeam, S., Chantawannakul, P.. Antibacterial compounds from propolis of *Tetragonula laeviceps* and *Tetrigona melanoleuca* (Hymenoptera: Apidae) from Thailand.. *PLOS ONE*, 10, 5, 2015, ISSN:1932-6203, DOI:10.1371/journal.pone.0126886, e0126886. ISI IF:3.234

Цитира се в:

2375. Ristivojević, P., Dimkić, I., Trifković, J., Berić, T., Vovk, I., Milojković-Opsenica, D., Stanković, S. Antimicrobial activity of Serbian propolis evaluated by means of MIC, HPTLC, bioautography and chemometrics. *PLoS ONE* 11, 2016., @2016
2376. Nishimura, E., S. Murakami, K. Suzuki, K. Amano, R. Tanaka, T. Shinada. *Asian J. Org. Chem.* 2016, DOI: 10.1002/ajoc.201600106, @2016

690. Atanasova, M., Stavrakov, G., **Philipova, I.**, Zheleva, D., Yordanov, N., Doytchinova, I.. Galantamine derivatives with indole moiety: Docking, design, synthesis and acetylcholinesterase inhibitory activity. *Bioorganic & Medicinal Chemistry*, 23, 17, Elsevier, 2015, ISSN:0968-0896, DOI:10.1016/j.bmc.2015.07.058, 5382-5389. SJR:0.874, ISI IF:2.793

Цитира се в:

2377. Sağlık, B.N., Ilgin, S., Özkay, Y., *European Journal of Medicinal Chemistry*, 2016, 124, 1026-1040. Synthesis of new donepezil analogues and investigation of their effects on cholinesterase enzymes, @2016
2378. Ortiz, J.E., Pigni, N.B., Andujar, S.A., Roitman, G., Suvire, F.D., Enriz, R.D., Tapia, A., Bastida, J., Feresin, G.E. *Journal of Natural Products* 2016, 79, 1241-1248. Alkaloids from *Hippeastrum argentinum* and Their Cholinesterase-Inhibitory Activities: An in Vitro and in Silico Study, @2016
2379. Martorana, A., Giacalone, V., Bonsignore, R., Pace, A., Gentile, C., Pibiri, I., Buscemi, S., Lauria, A., Piccionello, A.P. *Current Pharmaceutical Design* 2016, 22, 3971-3995. Heterocyclic scaffolds for the treatment of Alzheimer's disease, @2016
2380. Wahba, S.M.R., Darwish, A.S., Kamal, S.M., *Materials Science and Engineering C* 2016, 65, 151-163. Ceria-containing uncoated and coated hydroxyapatite-based galantamine nanocomposites for formidable treatment of Alzheimer's disease in ovariectomized albino-rat model, @2016
2381. S. Chigurupati, M. Selvaraj, V. Mani, K. K. Selvarajan, J. I. Mohammad, B. Kaveti, H. Bera, V. R. Palanimuthu, L. K. Teh, M. Z.i Salleh; *Bioorganic Chemistry* 2016, 67, 9-17. Identification of Novel Acetylcholinesterase Inhibitors: Indolopyrazoline Derivatives and Molecular Docking

2382. R. Malik, B. S. Choudhary, S. Srivastava, P. Mehta & M. Sharma; Journal of Biomolecular Structure and Dynamics <http://dx.doi.org/10.1080/07391102.2016.1253503>, Identification of novel Acetylcholinesterase inhibitors through e-pharmacophore based virtual screening and molecular dynamics simulations, @2016

691. Petreska-Stanoeva, J., Stefova, M., Stefkov, G, Kulevanova, S., **Alipieva, K., Bankova, V.,** Aneva, I., Evstatieva, L. N.. Chemotaxonomic contribution to the Sideritis species dilemma on the Balkans. Biochemical Systematics and Ecology, 61, 2015, ISSN:0305-1978, 477-487. ISI IF:0.967

Цумупа се в:

2383. Hu, J., Zhang, Q. , Qi, M.-D., Kang, L.-P., Nan, T.-G, Yang, J., Yuan, Y., Zhan, Z.-L., Liu, Huang, L.-Q. Study on chemical constituents in Lysinotus wilsonii by UPLC-Q-TOF-MS . Zhongguo Zhongyao Zazhi, 41 (9), 1658-1669, @2016

2384. Latté, K.P. Sideritis scardica Griseb. Zeitschrift fur Phytotherapie, 37 (2), 85-91, @2016

2385. Venditti, A., Bianco, A., Frezza, C., Serafini, M., Giacomello, G., Giuliani, C., Bramucci, M., Quassinti, L., Lupidi, G., Lucarini, D., Papa, F., Maggi, F. Secondary Metabolites, Glandular Trichomes and Biological Activity of Sideritis montana L. subsp. montana from Central Italy. Chemistry and Biodiversity, 1380-1390., @2016

692. Georgiev, M.I., Radziszewska, A., Neumann, M., Marchev, A., **Alipieva, K.,** Ludwig-Muller, J.. Metabolic alterations of Verbascum nigrum L. plants and SAArT transformed roots as revealed by NMR-based metabolomics. Plant Cell, Tissue and Organ Culture, 123, 2015, 349-356. ISI IF:2.125

Цумупа се в:

2386. Bañez, S., Talano, M., Ontañon, O., Suman, J., Medina, M.I., Macek, T., Agostini, E. Transgenic plants and hairy roots: exploiting the potential of plant species to remediate contaminants. New Biotechnology, 33 (5), 625-635., @2016

2387. Krasteva, I. , Shkondrov, A., Ionkova, I., Zdraveva, P. Advances in phytochemistry, pharmacology and biotechnology of Bulgarian Astragalus species. Phytochemistry Reviews, 15 (4), 567-590., @2016

693. **Tsoncheva, T., Genova, I.,** Paneva, D., **Dimitrov, M., Tsyntsarski, B.,** Velinov, N., **Ivanova, R., Issa, G.,** Kovacheva, D., **Budinova, T.,** Mitov, I., **Petrov, N.** Cobalt- and iron- based nanoparticles hosted in SBA-15 mesoporous silica and activated carbon from biomass: Effect of modification procedure. Solid State Sciences, 48, Elsevier, 2015, ISSN:1293-2558, DOI:10.1016/j.solidstatesciences.2015.09.001, 286-293. SJR:0.639, ISI IF:1.901

Цумупа се в:

2388. Usman, A.R., Khandaker, M.U., Haba, H., Murakami, M., Komori, Y. Production cross-sections of radionuclides from α -induced reactions on natural copper up to 50 MeV, Applied Radiation and Isotopes, 2016, vol. 114, pp.104-113. DOI: 10.1016/j.apradiso.2016.04.027, @2016

694. **Tsoncheva, T., Ivanova, R.,** Henych, J., **Dimitrov, M.,** Kormunda, M., Kovacheva, D., Scotti, N., Dal Santo, V., Štengl, V.. Effect of preparation procedure on the formation of nanostructured ceria-zirconia mixed oxide catalysts for ethyl acetate oxidation: Homogeneous precipitation with urea vs template-assisted hydrothermal synthesis. Applied Catalysis A: General, 502, 2015, ISSN:0926-860X, 418-432. SJR:1.213, ISI IF:3.977

Цумупа се в:

2389. Liu, N., Deng, L., Wang, J., He, S., Peng, J., Luo, Y., A novel and facile method to rapidly synthesize Ce_{0.8}Zr_{0.2}O₂ nanoparticles for co preferential oxidation in H₂-rich stream, 2016, Journal of Applied Biomaterials and Functional Materials Volume 14, June 2016, Pages S1-S6, @2016
2390. Mitran, G., Pavel, O.D., Mieritz, D.G., Seo, D.-K., Florea, M., Effect of Mo/Ce ratio in Mo-Ce-Al catalysts on the hydrogen production by steam reforming of glycerol, 2016, Catalysis Science and Technology, Volume 6, Issue 21, Pages 7902-7912, @2016
2391. Khalil, M., El-Aryan, Y.F., Ali, I.M., Hydrothermal Synthesis of Mn-Fe Nano Oxides and Their Composite for Removal of Zn²⁺, Ni²⁺ and Co²⁺ from Simulated Radioactive, 2016, Journal of Inorganic and Organometallic Polymers and Materials 26, pp. 359-369, @2016
2392. Wang, S.-N., Wang, J.-L., Hua, W.-B., Zhong, L., Chen, Y.-Q. Designed synthesis of Zr-based ceria-zirconia-neodymia composite with high thermal stability and its enhanced catalytic performance for Rh-only three-way catalyst, 2016, Catalysis Science and Technology 6, pp. 7437-7448, @2016
695. Stavrakov, G., Valcheva, V., Voynikov, Y., **Philipova, I.**, Atanasova, M., Konstantinov, S., Peikov, P., Doytchinova, I. Design, synthesis and antimycobacterial activity of novel theophylline-7-acetic acid derivatives with amino acid moieties. Chemical Biology & Drug Design, John Wiley & Sons A/S, 2015, ISSN:1747-0285, DOI:10.1111/cbdd.12676, ISI IF:2.485

Цумура се е:

2393. Salehi, S., Saljooghi, A.S., Shiri, A. Synthesis, characterization and in vitro anticancer evaluations of two novel derivatives of deferasirox iron chelator (2016) European Journal of Pharmacology, 781, pp. 209-217., @2016
2394. Krasnov, V.P., Vigorov, A.Y., Musiyak, V.V., Nizova, I.A., Gruzdev, D.A., Matveeva, T.V., Levit, G.L., Kravchenko, M.A., Skorniyakov, S.N., Bekker, O.B., Danilenko, V.N., Charushin, V.N. Synthesis and antimycobacterial activity of N-(2-aminopurin-6-yl) and N-(purin-6-yl) amino acids and dipeptides (2016) Bioorganic and Medicinal Chemistry Letters, 26 (11), pp. 2645-2648., @2016
696. **Gancheva, M., Paunova, K.**, Ossowicz, P., Rozwadowski, Z., Janus, E., **Idakieva, K.**, Todinova, S., **Raynova, Y.**, Uzunova, V., Apostolova, S., Tzoneva, R., **Yancheva, D.** Modification of Rapana thomasiana hemocyanin with choline amino acid salts significantly enhances its antiproliferative activity against MCF-7 human breast cancer cells.. RSC Advances, 5, Royal Society of Chemistry, 2015, ISSN:ISSN 2046-2069, DOI:10.1039/c5ra12214g, 63345-63354. SJR:1.03, ISI IF:3.84

Цумура се е:

2395. Pietralik, Z., Skrzypczak, A., Kozak, M., ChemPhysChem, 17 (15) 2424-2433, @2016
2396. Coates, C. J., Decker, H. Immunological properties of oxygen-transport proteins: hemoglobin, hemocyanin and hemerythrin. Cell. Mol. Life Sci. 1-25, @2016
2397. Zheng, L., Zhao, X., Zhang, P., Chen, C., Liu, S., Huang, R., Zhang, Y. Hemocyanin from Shrimp Litopenaeus vannamei Has Antiproliferative Effect against HeLa Cell In Vitro. PloS one, 11 (3), e0151801, @2016
2398. Del Olmo, L., Lage-Estebanez, I., López, R., García de la Vega, J. M. Understanding the Structure and Properties of Cholinium Amino Acid Based Ionic Liquids. J. Phys. Chem. B. 120 (39), 10327-10335, @2016
697. **Dolashka, P., Dolashki, A., Velkova, L.**, Stevanovic, S., Molin, L., Traldi, P., Beeumen, J., Devreese, B., Voelter, W.. Bioactive compounds isolated from garden snails. J. BioSci. Biotechnol. 2015,

Цумура се в:

2399. In vitro-Untersuchung einer möglichen fungistatischen Wirkung des Sekrets der Weinbergschnecke (*Helix pomatia*, *Helix aspersa*) auf *Botrytis cinerea*., @2016

- 698. Guncheva M., Paunova K., Yancheva D.,** Svinyarov I., Bogdanov M.. Effect of two series ionic liquids based on non-nutritive sweeteners on catalytic activity and stability of the industrially important lipases from *Candida rugosa* and *Rhizopus delemar*.. *Journal of Molecular Catalysis B: Enzymatic*, 117, Elsevier, 2015, ISSN:1381-1177, DOI:10.1016/j.molcatb.2015.04.009, 62-68. SJR:0.69, ISI IF:2.128

Цумура се в:

2400. I. Jha, P. Venkatesu, Unprecedented Improvement in the Stability of Hemoglobin in the Presence of Promising Green Solvent 1-Allyl-3-methylimidazolium Chloride, *ACS Sustainable Chemistry and Engineering*, 4, 413-421 (2016), @2016

2401. X. Dong, Y. Fan, H. Zhang, Y. Zhong, Y. Yang, J. Miao, S. Hua, Inhibitory effects of ionic liquids on the lactic dehydrogenase activity, *Int. J. Biol. Macromol.*, 86, 155-161 (2016), @2016

2402. A.P.S. Brogan, J.P. Hallett, Solubilizing and Stabilizing Proteins in Anhydrous Ionic Liquids through Formation of Protein-Polymer Surfactant Nanoconstructs, *J. Am. Chem. Soc.*, 138, 4494-4501 (2016), @2016

2403. M. Sivapragasam, M. Moniruzzaman, M. Goto, Recent advances in exploiting ionic liquids for biomolecules: Solubility, stability and applications, *Biotechnol. J.*, 11, 1000-1013 (2016), @2016

- 699. Trendafilova, A.,** Jadranin, M., Gorgorov, R., Stanilova, M.. Bioactive Compounds in Wild, In vitro Obtained, Ex vitro Adapted, and Acclimated Plants of *Centaurea davidovii* (Asteraceae). *Natural Product Communications*, 10, 6, Natural Product Inc., 2015, ISSN:1934-578X (printed); 1555-9475 (online), 839-841. SJR:0.344, ISI IF:0.906

Цумура се в:

2404. Zengin G., Aktumsek A., Boga M., Ceylan R., Uysal S., Essential Oil Composition of an Uninvestigated *Centaurea* Species from Turkey: *Centaurea patula* DC., *Journal of Essential Oil Bearing Plants*, 19, 485-491, @2016

- 700. Arita, M., Philipov, S.,** Galabov, A.S.. Phosphatidylinositol 4-kinase III beta is the target of oxoglucine and pachypodol (Ro 09-0179) for their anti-poliovirus activities, and is located at upstream of the target step of brefeldin A. *Microbiology and Immunology*, 59, 6, 2015, ISSN:1348-0421, 338-347. ISI IF:1.242

Цумура се в:

2405. Fowler, M.L., McPhail, J.A., Jenkins, M.L., Masson, G.R., Rutaganira, F.U., Shokat, K.M., Williams, R.L., Burke, J.E. Using hydrogen deuterium exchange mass spectrometry to engineer optimized constructs for crystallization of protein complexes: Case study of PI4KIII β with Rab11. *Protein Science* (2016) 25 (4) 826-839., @2016

2406. Rutaganira, F.U., Fowler, M.L., McPhail, J.A., Gelman, M.A., Nguyen, K., Xiong, A., Dornan, G.L., Tavshanjian, B., Glenn, J.S., Shokat, K.M., Burke, J.E. Design and Structural Characterization of Potent and Selective Inhibitors of Phosphatidylinositol 4 Kinase III β . *Journal of Medicinal Chemistry* (2016) 59 (5) 1830-1839., @2016

2407. Arita, M. Mechanism of Poliovirus Resistance to Host Phosphatidylinositol-4 Kinase III β Inhibitor. *ACS Infectious Diseases* (2016) 2 (2) 140-148., @2016
2408. Wang, M., Tao, L., Xu, H. Chinese herbal medicines as a source of molecules with anti-enterovirus 71 activity. *Chinese Medicine (United Kingdom)* (2016) 11 (1) Article number 2, @2016
2409. Kong, L., Fujimoto, A., Nakamura, M., Aoyagi, H., Matsuda, M., Watashi, K., Suzuki, R., Arita, M., Yamagoe, S., Dohmae, N., Suzuki, T., Sakamaki, Y., Ichinose, S., Suzuki, T., Wakita, T., Aizaki, H. Prolactin regulatory element binding protein is involved in hepatitis C virus replication by interaction with NS4B. *Journal of Virology* (2016) 90 (6) 3093-3111., @2016
701. **Todorova, M., Trendafilova, A., Danova, K.**, Simmons, L., Wolfram, E., Meier, B., Riedl, R., Evstatieva, L.. Highly oxygenated sesquiterpenes in *Artemisia alba* Turra. *Phytochemistry*, 110, Elsevier, 2015, ISSN:0031-9422, DOI:doi:10.1016/j.phytochem.2014.12.008, 140-149. SJR:0.993, ISI IF:2.547
- Цумура се в:*
2410. Shi, Z.-R., Zhang, X.-Y., Zeng, R.-T., Zhuo, Z.-G., Feng, F., Shen, Y.-H., Zhang, W.-D., Sesquiterpenoids from *Ainsliaea spicata* and their cytotoxic and NO production inhibitory activities (2016) *Phytochemistry Letters*, 18, pp. 87-94, @2016
2411. Li, D., Wang, K.-W., Natural new sesquiterpenes: Structural diversity and bioactivity (2016) *Current Organic Chemistry*, 20 (9), pp. 994-1042, @2016
702. Zahmanov, G., **Alipieva, K., Denev, P.**, Todorov, D, Hinkov, A., Shiskov, S., **Simova, S**, Georgiev, M.. Flavonoid glycosides profiling in dwarf elder fruits (*Sambucus ebulus* L.) and evaluation of their antioxidant and anti-herpes simplex activities. *Industrial Crops and Products*, 63, Elsevier, 2015, ISSN:0926-6690, DOI:10.1016/j.indcrop.2014.10.053, 58-64. SJR:1.002, ISI IF:2.837
- Цумура се в:*
2412. Cvetanović, A., Đurović, S., Mašković, P., (...), Švarc-Gajić, J., Zeković, Z., Polyphenolic profile of *Sambucus Ebulus* root, leaf and fruit extracts, 21st International symposium on biotechnology, @2016
703. Daskalova E., Delchev S, Peeva Y., Vladimirova-Kitova L, **Kratchanova M.**, Kratchanov Chr., **Denev P.**. Antiatherogenic and cardioprotective effects of black chokeberry (*Aronia melanocarpa*) juice in ageing rats. Evidence-based complementary and alternative medicine,, 2015, Article ID 717439, Hindawi, 2015, SJR:0.503, ISI IF:1.88
- Цумура се в:*
2413. Bursać Kovačević, D., Gajdoš Kljusurić, J., Putnik, P., Vukušić, T., Herceg, Z., Dragović-Uzelac, V. (2016) Stability of polyphenols in chokeberry juice treated with gas phase plasma. *Food Chemistry*, 212, pp. 323-331., @2016
2414. Borowska, S., Brzóska, M.M. (2016) Chokeberries (*Aronia melanocarpa*) and Their Products as a Possible Means for the Prevention and Treatment of Noncommunicable Diseases and Unfavorable Health Effects Due to Exposure to Xenobiotics. *Comprehensive Reviews in Food Science and Food Safety*, 15 (6), pp. 982-1017., @2016
704. **Slavova-Kazakova, A. K., Angelova, S. E.**, Veprintsev, T. L., **Denev, P.**, Fabbri, D., Dettori, M. A., **Kratchanova, M.**, Naumov, V. V., Trofimov, A. V., Vasil'ev, R. F., Delogu, G., **Kancheva, V. D.** Antioxidant potential of curcumin-related compounds studied by chemiluminescence kinetics, chain-

breaking efficiencies, scavenging activity (ORAC) and DFT calculations. Beilstein Journal of Organic Chemistry, 11, Beilstein-Institut zur Förderung der Chemischen Wissenschaften, Beilstein-Institut, 2015, ISSN:1860-5397, DOI:10.3762/bjoc.11.151, 1398-1411. SJR:1.054, ISI IF:2.762

Цитируе се в:

2415. Vladimirov G., Sergunova E.V., Izmaylov D.Yu., Vladimirov Yu.A., Chemiluminescent determination of total antioxidant capacity in medicinal plant material, Вестник Российского государственного медицинского университета, 2 (2016) 62-68, @2016

2416. Chen, P., Zhang, H., Cheng, Sh., Shen, Ch.; Development of curcumin loaded nanostructured lipid carrier based thermostative in situ gel for dermal delivery; Colloids and Surfaces. A. Physicachemical and Engineering Aspects, 2016 (IF = 2.75), DOI: 10.1016/j.colsurfa.2016.06.054, @2016

705. Sandu, T., Sarbu, A., Damian, C. M., Patroi, D., Iordache, T. V., **Budinova, T., Tsyntarski, B.**, Ferhat Yardim, M., Sirkecioglu, A.. Functionalized bicomponent polymer membranes as supports for covalent immobilization of enzymes. Reactive and Functional Polymers, 96, Elsevier, 2015, ISSN:1381-5148, DOI:10.1016/j.reactfunctpolym.2015.09.001, 5-13. SJR:0.783, ISI IF:2.535

Цитируе се в:

2417. Ruan, G., Wu, Z., Huang, Y., Wei, M., Su, R., Du, F. An easily regenerable enzyme reactor prepared from polymerized high internal phase emulsions. Biochemical and Biophysical Research Communications, 473 (1), pp. 54-60. DOI: 10.1016/j.bbrc.2016.03.049., @2016

706. Shankar, R., Singla, N., Mendiratta, S., Kociok-Köhn, G., Molloy, K., **Shestakova, P.** Synthesis, Characterization, and Hydrolytic Behavior of Diorganotin(IV) Coordination Polymers with Layered Structural Motifs. European Journal of Inorganic Chemistry, 30, WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim, 2015, ISSN:1099-0682, DOI:10.1002/ejic.201500652, 5118-5123. ISI IF:2.942

Цитируе се в:

2418. 8) Han, Y., Liang, T.-L., Hao, X., Chen, C.-F. Solid-state "Russian doll"-like capsules based on a triptycene-derived macrotricyclic host with paraquat derivative and polycyclic aromatic hydrocarbons Cryst. Eng. Comm., 18 (26), 4900-4904, (2016)., @2016

707. Antonova, O., Yossifova, L., Staneva, R., Stevanovic, S., **Dolashka, P.**, Toncheva, D.. Changes in the gene expression profile of the bladder cancer cell lines after treatment with Helix lucorum and Rapana venosa hemocyanin. Journal of B.U.ON., 20, 1, Balkan Union of Oncology, 2015, ISSN:1107-0625, 180-187. SJR:0.319, ISI IF:0.805

Цитируе се в:

2419. Hemocyanins Stimulate Innate Immunity by Inducing Different Temporal Patterns of Proinflammatory Cytokine Expression in Macrophages., @2016

2420. Comprehensive and Quantitative Proteomic Analysis of Metamorphosis-Related Proteins in the Veined Rapa Whelk, Rapana venosa Intern., @2016

708. Zahmanov, G., **Alipieva, K., Simova, S.**, Georgiev, M. I.. Metabolic differentiations of dwarf elder by NMR-based metabolomics. Phytochemistry Letters, 11, Elsevier, 2015, ISSN:1874-3900, DOI:doi:10.1016/j.phytol.2014.11.021, 404-409. SJR:0.543, ISI IF:1.542

Цитируе се в:

2421. Lee, S.Y., Abas, F., Khatib, A., Ismail, I.S., Shaari, K., Zawawi, N. Metabolite profiling of

Neptunia oleracea and correlation with antioxidant and α -glucosidase inhibitory activities using ¹H NMR-based metabolomics. *Phytochemistry Letters*, 16, 23-33., @2016

2422. Senica, M., Stampar, F., Veberic, R., Mikulic-Petkovsek, M. Processed elderberry (*Sambucus nigra* L.) products: A beneficial or harmful food alternative? *LWT - Food Science and Technology*, 72, 182-188, @2016

709. **Mikhova, B. P.**, Ballazhi, L., Jashari, A., Imeri, F., Ibrahim, I., Mladenovska, K.. Synergy of novel coumarin derivatives and tamoxifen in blocking growth and inducing apoptosis of breast cancer cells. *Macedonian Pharmaceutical Bulletin*, 65, 2015, ISSN:1409 - 8695, DOI:10.1515/acph-2015-0002, 53-63

Цумура се в:

2423. Sudhan, P.N., Sheik Mansoor, S. acile synthesis and antimicrobial activity of a novel series of 7, 8-dihydro-2-(2-oxo-2H-chromen-3-yl)-5-aryl-cyclopenta[b]pyrano-pyrimidine-4, 6-5H-dione derivatives catalyzed by reusable silica-bonded N-propyl diethylenetriamine sulfamic acid (2016) *Journal of the Association of Arab Universities for Basic and Applied Sciences*, 21, pp. 1-9., @2016

2424. Angelova, V.T., Vassilev, N.G., Nikolova-Mladenova, B., Vitas, J., Malbaša, R., Momekov, G., Djukic, M., Saso, L. Antiproliferative and antioxidative effects of novel hydrazone derivatives bearing coumarin and chromene moiety (2016) *Medicinal Chemistry Research*, 25 (9), pp. 2082-2092., @2016

2425. Venkata Sairam, K., Gurupadayya, B.M., Chandan, R.S., Nagesha, D.K., Vishwanathan, B. A review on chemical profile of coumarins and their therapeutic role in the treatment of cancer (2016) *Current Drug Delivery*, 13 (2), pp. 186-201. Cited 1 time., @2016

710. **Dolashki, A.**, Radkova, M., Todorovska, E., Ivanov, M., Stevanovic, S., Molin, L., Traldi, P., Voelter, W., **Dolashka, P.** Structure and Characterization of *Eriphia verrucosa* Hemocyanin. *Marine Biotechnology*, 17, 6, Springer, 2015, ISSN:1436-2228, DOI:10.1007/s10126-015-9653-9, 743-752. SJR:0.985, ISI IF:2.91

Цумура се в:

2426. Cation metals specific hemocyanin exhibits differential antibacterial property in mud crab, *Scylla serrata*., @2016

2427. Extraordinary stability of hemocyanins from *L. polyphemus* and *E. californicum* studied using infrared spectroscopy from 294 to 20 K., @2016

711. Gesheva, V., Chausheva, S., Stefanova, N., Mihaylova, N., Doumanova, L., **Idakieva, K.**, Tchorbanov, A.. Helix pomatia hemocyanin - A novel bio-adjutant for viral and bacterial antigens. *International Immunopharmacology*, 26, 1, ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS, 2015, ISSN:1567-5769, DOI:10.1016/j.intimp.2015.03.011, 162-168. ISI IF:2.707

Цумура се в:

2428. Coates, C. J., Decker, H. Immunological properties of oxygen-transport proteins: hemoglobin, hemocyanin and hemerythrin. *Cell. Mol. Life Sci.* 1-25, @2016

712. Mavrova, A. Ts., **Yancheva, D.**, Anastassova, N., Anichina, K., Zvezdanovic, J., Djordjevic, A., Markovic, D., Smelcerovic, A.. Synthesis, electronic properties, antioxidant and antibacterial activity of some new benzimidazoles. *Bioorg. Med. Chem.*, 23, 2015, 6317-6326. ISI IF:2.793

Цумура се в:

2429. Y.-M. Yan, Y. Rao, M.-W. Ding, One-pot synthesis of multisubstituted benzimidazoles via

sequential Ugi and catalytic aza-wittig reaction starting from 2-aminobenzoyl azides, J. Org. Chem., 81, 1263-1268 (2016), @2016

2430. E.M.M. El-Deen, Synthesis and in vitro anti-breast cancer evaluation of some novel benzimidazole–pyridine conjugates, Int. J. Pharm. Technol. 8, 10240-10258 (2016), @2016

2431. O.O. Ajani, D.V. Aderohunmu, S.J. Olorunshola, C.O. Ikpo, I.O. Olanrewaju, Facile synthesis, characterization and antimicrobial activity of 2-alkanamino Benzimidazole derivatives, Oriental J.Chem., 32, 109-120 (2016), @2016

2432. Y.-M. Yan, Y. Gao, M.-W. Ding, New efficient synthesis of multisubstituted benzimidazoles and quinoxalin-2(1H)-ones by a Ugi 4CC/aza-Wittig sequence starting from aromatic amine precursors, Tetrahedron, 72, 5548-5557 (2016), @2016

2433. T. Arshad, K.M. Khan, N. Rasool, U. Salar, S. Hussain, T. Tahir, M. Ashraf, A. Wadood, M. Riaz, S. Perveen, M. Taha, N.H. Ismail, Syntheses, in vitro evaluation and molecular docking studies of 5-bromo-2-aryl benzimidazoles as α -glucosidase inhibitors, Med. Chem. Res., 25, 2058–2069 (2016), @2016

2434. Kovvuri, J., Nagaraju, B., Kamal, A., Srivastava, A.K. An Efficient Synthesis of 2-Substituted Benzimidazoles via Photocatalytic Condensation of o-Phenylenediamines and Aldehydes, ACS Comb. Sci., 18, 644-650., @2016

713. Christova, N., Lang, S., Wray, V., Kaloyanov, K., Konstantinov, S., **Stoineva, I.** Production, structural elucidation and in vitro antitumor activity of trehalose lipid biosurfactant from *Nocardia farcinica* strain.. Journal of Microbiology and Biotechnology, 25, Korean Society for Microbiolog and Biotechnology, 2015, DOI:10.4014/jmb.1406.06025, 439-447. ISI IF:1.53

Цумура се в:

2435. Fariq, A., Saeed, A., Production and Biomedical Applications of Probiotic Biosurfactants, Curr Microbiol (2016) , DOI 10.1007/s00284-015-0978-4, @2016

714. **Dolashka, P., Dolashki, A.**, Voelter, W., Beeumen, J., Stevanovic, S .. Antimicrobial activity of peptides from the hemolymph of *Helix lucorum* snails. International Journal of Current Microbiology and Applied Sciences, 4, 4, Excellant Publisher, 2015, ISSN:2319-7706, 1061-1071. SJR:0.9, ISI IF:2.06

Цумура се в:

2436. Cation metals specific hemocyanin exhibits differential antibacterial property in mud crab, *Scylla serrata*., @2016

715. **Kancheva, V.D., Slavova-Kazakova, A.**, Terzieva, A, Ivanova, M, Tsrunchev, T.. Assessing the potential of some traditional bulgarian teas in scavenging free radicals and their antioxidant activity after gamma-irradiation. La Rivista Italiana delle Sostanze Grasse, XCII, 3, Stazione Sperimentale per le Industrie, 2015, ISSN:0035-6808, 175-182. ISI IF:0.42

Цумура се в:

2437. Alemán, M., Bou, R., Tres, A., Polo, J., Codony, R., Guardiola, F., Oxidative stability of a heme iron-fortified bakery product: Effectiveness of ascorbyl palmitate and co-spray-drying of heme iron with calcium caseinate, Food Chemistry, 2016, Volume 196, Pages 567-576, @2016

- 716. Simeonov S. P.,** Afonso C. A. M.. Basicity and Stability of the Urea Deep Eutectic Mixtures. RSC Advances, 6, RSC publishing, 2016, DOI:10.1039/C5RA24558C, 5485-5490. ISI IF:3.84

Цумура се в:

- 2438.** Martins, M. A. P., G. C. Pavaglio, L. V. Rodrigues, C. P. Frizzo, N. Zanatta, H. G. Bonacorso, New Journal of Chemistry, 2016, 40, 5989-5992., @2016
- 2439.** Navarro, C. A., C. A. Sierra, C. Ochoa-Puentes, RSC Advances, 2016, 6, 65355-65365., @2016
- 2440.** Selkälä, T., J. A. Sirviö, G. S. Lorite, H. Liimatainen, ChemSusChem, 2016, 9, 3074-3083., @2016

- 717. Simeonov, S. P.,** Nunes, J. P. M., Guerra, K., **Kurteva, V. B.,** Afonso, C. A. M.. Synthesis of chiral cyclopentenones. Chemical Reviews, 116, ACS, 2016, ISSN:0009-2665, DOI:10.1021/cr500504w, 5744-5893. SJR:16.316, ISI IF:46.568

Цумура се в:

- 2441.** Liang, Y.; Lai, J.; Liu, T.; Tang, S.; Direct regioselective [3+2]-cyclization reactions of ambivalent electrophilic/nucleophilic β -chlorovinyl dithianes: access to cyclopentene derivatives, Organic Letters, 2016, 18, 5086-5089., @2016
- 2442.** Cai, Y.; Tang, Y.; Atodiresei, I.; Rueping, M.; Catalytic asymmetric Piancatelli rearrangement: Brønsted acid catalyzed 4π electrocyclization for the synthesis of multisubstituted cyclopentenones, Angewandte Chemie International Edition, 2016, 55, 14126-14130., @2016
- 2443.** Leboeuf, D.; Marin, L.; Michelet, B.; Perez-Luna, A.; Guillot, R.; Schulz, E.; Gandon, V.; Harnessing the Lewis acidity of HFIP through its cooperation with a calcium(II) salt: application to the aza-Piancatelli reaction, Chemistry – A European Journal, 2016, 22, 16165-16171., @2016
- 2444.** Yamakoshi, H.; Sawayama, Y.; Akahori, Y.; Kato, M.; Nakamura, S.; Total syntheses of (+)-Marrubiin and (–)-Marrulibacetal, Organic Letters, 2016, , 18, 3430–3433., @2016
- 2445.** Li, H.; Tong, R.; Sun, J.; Catalytic enantioselective aza-Piancatelli rearrangement, Angewandte Chemie International Edition, 2016, 55, 15125-15128., @2016
- 2446.** Gyanchander, E.; Ydhyam, S.; Tumma, N.; Belmore, K.; Cha, J. K.; Mechanism of Ru(II)-Catalyzed Rearrangements of Allenyl- and Alkynylcyclopropanols to Cyclopentenones, Organic Letters, 2016, 18, 6098-6101., @2016
- 2447.** Ma, D.; Fu, C.; Ma, S.; Diastereoselective construction of cyclopent-2-enone-4-ols from aldehydes and 1, 2-allenones catalyzed by N-heterocyclic carbene, Chemical Communications, 2016, 52, 14426-14429., @2016
- 2448.** Bürki, C.; Whyte, A.; Arndt, S.; Hashmi, A. S. K.; Lautens, M.; Expanding the scope of the gold(I)-catalyzed Rautenstrauch rearrangement: protic additives, Organic Letters, 2016, 18, 5058-5061., @2016
- 2449.** Manna, M. S.; Sarkar, R.; Mukherjee, S.; Enantioselective formal C(sp²)-H vinylation, Chemistry – A European Journal, 2016, 22, 14912-14919., @2016
- 2450.** Tang, M.-L.; Peng, P.; Liu, Z.-Y.; Zhang, J.; Yu, J.-M.; Sun, X.; Sulfoxide-based Enantioselective Nazarov Cyclization: Divergent Syntheses of (+)-Isopaucifloral F, (+)-Quadrangularin A and (+)-Pallidol, Chemistry – A European Journal, 2016, 22, 14535-14539., @2016

718. Jeannerat, D., Pupier, M., Schweizer, S., **Mitrev, Y.**, Favreau, P., Kohler, M.. Discrimination of hexabromocyclododecane from new polymeric brominated flame retardant in polystyrene foam by nuclear magnetic resonance. *Chemosphere*, 144, 2016, DOI:10.1016/j.chemosphere.2015.10.021, 1391-1397. SJR:1.409

Цумура се в:

2451. Wang, G., Chen, X., Liu, P. and Bai, S. (2016), Flame-retardant mechanism of expandable polystyrene foam with a macromolecular nitrogen–phosphorus intumescent flame retardant. *J. Appl. Polym. Sci.*, 134, 44356. doi: 10.1002/app.44356, @2016
2452. Koch C., DunduaA., Aragon-Gomez J., Nachev M., Stephan S., Willach S., Ulbricht M., Schmitz O., Schmidt T., Sures B., Degradation of Polymeric Brominated Flame Retardants: Development of an Analytical Approach Using PolyFR and UV Irradiation, *Environ. Sci. Technol.*, 2016, 50 (23), pp 12912–12920, @2016
719. Atanassova, M., **Kurteva, V.**, Lubenov, L., Billard, I.. Solvent extraction and separation of light lanthanoids with mixtures of two chelating extractants: benzene vs. ionic liquid. *Separation Science and Technology*, 51, Taylor & Francis, 2016, ISSN:0149-6395 (Print), 1520-5754 (Online), DOI:10.1080/01496395.2015.1088028, 290-299. SJR:0.481, ISI IF:1.171

Цумура се в:

2453. Gujar, R. B.; Ansari, S. A.; Sengupta, A.; Murali, M. S.; Mohapatra, P. K.; Extractive complexation of lanthanides and Am(III) by 1-phenyl-3-methyl-4-benzoyl-5-pyrazolone in ionic liquid: Solvent extraction and spectroscopic studies, *Inorganic Chemistry Communications*, 2016, 73, 72-76., @2016
720. **Angelov, I.**, Kril, A., Dimitrov, R., Borisova, E., Avramov, L., **Mantareva, V.**.. Light enhancement of in vitro antitumor activity of galactosylated phthalocyanines. *Photonics & Lasers in Medicine*, 5, De Gruyter, 2016, ISSN:(Online) 2193-0643, (Print) 2193-0635, DOI:10.1515/plm-2016-0002, 1-18. SJR:0.214

Цумура се в:

2454. M.Y. Kirillin, N.M. Shakhova, I.V. Turchin., From optical bioimaging to clinical biophotonics *Photonics & Lasers in Medicine*, 2016; 5(2): 81–83, @2016
721. **Glavcheva, Z.**, **Yancheva, D.**, **Velcheva, E.**, **Stamboliyska, B.**, Petrova, N., Lalev, G., Todorov, V. Analytical Studies Of The Alexandrovo Thracian Tomb Wall Paintings. *Spectrochim. Acta A*, 152, 2016, 622-628. ISI IF:1.166

Цумура се в:

2455. Pawlyta, M., Hercman, H., Transmission electron microscopy (TEM) as a tool for identification of combustion products: Application to black layers in speleothems., *Annales Societatis Geologorum Poloniae*, Volume 86, Issue 2, 2016, Pages 237-248, @2016
722. Graikou, K., **Popova, M.**, Grotzi, O., **Bankova, V.**, Chinou, I.. Characterization and biological evaluation of selected Mediterranean propolis samples. Is it a new type?. *LWT - Food Science and Technology*, 65, 2016, ISSN:0023-6438, 261-267. ISI IF:2.416

Цумура се в:

2456. Pierini, G.D., Fernandes, D.D.S., Diniz, P.H.G.D., de Araújo, M.C.U., Di Nezio, M.S., Centurión, M.E. A digital image-based traceability tool of the geographical origins of Argentine propolis. *Microchemical Journal* 128, 62-67, 2016., @2016

2457. Soares Dos Reis, A.S., C. Diedrich, C. de Moura, D. Pereira, J. de Flório Almeida, L.D. da Silva, M.S.V. Plata Oviedo, R.A. Weschenfelder Tavares, S.T. Carpes. LWT - Food Science and Technology, @2016

723. **Slavova-Kazakova, A.**, Karamac, M., **Kancheva, V.**, Amarowicz, R.. Antioxidant activity of Flaxseed extracts in lipid systems. Molecules, 21, 17, MDPI, 2016, ISSN:1420-3049, DOI:10.3390/molecules21010017, ISI IF:2.791

Цитупа се в:

2458. Dzialo, M., Mierziak, J., Korzun, U., Preisner, M., Szopa, J., Kulma, A.. The potential of plant phenolics in prevention and therapy of skin disorders. International Journal of Molecular Sciences, 17 (2), 2016, @2016

724. **Dimitrov, M.**, **Ivanova, R.**, Velinov, N., Henych, J., Slušná, M., Štengl, V., Mitov, I., **Tsoncheva, T.**. Mesoporous TiO₂ powders as host matrices for iron nanoparticles. Effect of the preparation procedure and doping with Hf. Nano-Structures and Nano-Objects, 7, 2016, ISSN:2352-507X, 56-63

Цитупа се в:

2459. Pasikhani, J.V., Gilani, N., Pirbazari, A.E., The effect of the anodization voltage on the geometrical characteristics and photocatalytic activity of TiO₂ nanotube arrays, Nano-Structures & Nano-Objects, Volume 8, October 2016, Pages 7–14, @2016

725. **Trendafilova, I.**, **Popova, M.**, Szegedi, A., Yoncheva, K., Mihály, J, Ristić, A., Konstantinov, S.. A pH dependent delivery of mesalazine from polymer coated and drug-loaded SBA-16 systems. European Journal of Pharmaceutics, 81, Elsevier, 2016, ISSN:0939-6411, DOI:10.1016/j.ejps.2015.10.003, 75-81. SJR:0.892, ISI IF:3.8

Цитупа се в:

2460. Abbaszad Rafi, A., Mahkam, M., Davaran, S., Hamishehkar, H., Document A Smart pH-responsive Nano-Carrier as a Drug Delivery System: A hybrid system comprised of mesoporous nanosilica MCM-41 (as a nano-container) & a pH-sensitive polymer (as smart reversible gatekeepers): Preparation, characterization and in vitro release studies of an anti-cancer drug, European Journal of Pharmaceutical Sciences, 93, pp. 64-73, @2016, @2016

726. **Gancheva, M.**, **Paunova, K.**, Ossowicz, P., Rozwadowski, Z., Janus, E., **Idakieva, K.**, Todinova, S., **Raynova, Y.**, Uzunova, V., Apostolova, S., Tzoneva, R., **Yancheva, D.**. Rapana thomasiana hemocyanin modified with ionic liquids with enhanced anti breast cancer activity.. International Journal of Biological Macromolecules, 82, Elsevier, 2016, ISSN:0141-8130, DOI:10.1016/j.ijbiomac.2015.10.031, 798-805. SJR:0.786, ISI IF:2.858

Цитупа се в:

2461. Coates, C. J., Decker, H. Immunological properties of oxygen-transport proteins: hemoglobin, hemocyanin and hemerythrin. Cell. Mol. Life. Sci. 1-25, @2016

727. Markova, K., **Stefanova, M.**, Milakowska, Zl., **Marinov, S.P.**. A comparison of black claystones, lignites and dump materials from Maritsa Iztok Coal Basin, Bulgaria using organic geochemical proxies. Chemie der Erde/Geochemistry, 76, Elsevier, 2016, ISSN:0009-2819, DOI:DOI: 10.1016/j.chemer.2016.06.002, 405-417. ISI IF:1.27

Цитупа се в:

2462. Hakimi, M.H., Najaf, A.A., Origin of crude oils from oilfields in the Zagros Fold Belt, southern Iraq: Relation to organic matter input and paleoenvironmental conditions, Marine and Petroleum

728. Ahmedova, A., Mihaylova, R., Momekova, D., **Shestakova, P.**, Stoykova, S., Zaharieva, J., Yamashina, M., Momekov, G., Akita, M., Yoshizawa, M. M2L4 coordination capsules with tunable anticancer activity upon guest encapsulation.. Dalton Trans., 45, Royal Society of Chemistry, 2016, ISSN:1477-9226, DOI:10.1039/C6DT01801G, 13214-13221. ISI IF:4.177

Цумура се в:

2463. Bloch, W.M., Abe, Y., Holstein, J.J., Wandtke, C.M., Dittrich, B., Clever, G.H. Geometric Complementarity in Assembly and Guest Recognition of a Bent Heteroleptic cis-[Pd2LA2L B2] Coordination Cage. Journal of the American Chemical Society, 138 (41), 13750-13755, (2016)., @2016
2464. Preston, D., Barnsley, J.E., Gordon, K.C., Crowley, J.D. Controlled Formation of Heteroleptic [Pd2(La)2(Lb)2]4+ Cages. Journal of the American Chemical Society, 138 (33), 10578-10585, (2016)., @2016
2465. Preston, D., McNeill, S.M., Lewis, J.E.M., Giles, G.I., Crowley, J.D. Enhanced kinetic stability of [Pd2L4]4+ cages through ligand substitution. Dalton Transactions, 45 (19), 8050-8060, (2016)., @2016
2466. Schmidt, A., Hollering, M., Drees, M., Casini, A., Kühn, F.E. Supramolecular: Exo - functionalized palladium cages: Fluorescent properties and biological activity. Dalton Transactions, 45 (20), 8556-8565, (2016)., @2016
729. Luong, T. K. N., **Shestakova, P.**, Absillis, G., Parac-Vogt, T.. Detailed Mechanism of Phosphoanhydride Bond Hydrolysis Promoted by a Binuclear ZrIV-Substituted Keggin Polyoxometalate Elucidated by a Combination of 31P, 31P DOSY and 31P EXSY NMR Spectroscopy. Inorg. Chem. 55, - (2016); IF, 55, 10, American Chemical Society, 2016, ISSN:0020-1669, DOI:10.1021/acs.inorgchem.6b00385, 4864-4873. ISI IF:4.82

Цумура се в:

2467. Wang, X., Sun, J., Lin, H., Chang, Z., Wang, X., Liu, G. A series of Anderson-type polyoxometalate-based metal-organic complexes: Their pH-dependent electrochemical behaviour, and as electrocatalysts and photocatalysts. Dalton Transactions, 45 (31), 12465-12478 (2016)., @2016
730. Quanten, T., **Shestakova, P.**, Kirschhock, C., Van Den Bulck, D., Parac-Vogt, T.. Interaction Study and Reactivity of Zr(IV) Substituted Wells Dawson Polyoxometalate towards Hydrolysis of Peptide Bonds in Surfactant Solutions. Chem. Eur. J., 22, 11, Wiley, 2016, ISSN:1521-3765, DOI:10.1002/chem.201503976, 3775-3784. ISI IF:5.771

Цумура се в:

2468. Wen-Zhe Zhou, Xiao-Jia Feng, Hua-Qiao Tan, Hong-Fei Shi, Yong-Hui Wang, Shan Gao, Yang-Guang Li; A Surfactant-Encapsulating Polyoxometalate Nanowire Assembly as a New Carrier for Nanoscale Noble-Metal Catalysts; Chemistry – An Asian Journal, 11, 3107–3112, (2016), @2016
2469. Gao, P., Wu, Y., Wu, L. Co-assembly of polyoxometalates and peptides towards biological applications Soft Matter, 12 (41), 8464-8479 (2016)., @2016
731. **Trendafilova, I.**, Szegedi, A., Yoncheva, K., **Shestakova, P.**, Mihály, J., Ristic, A., Konstantinov, S., **Popova, M.** A pH dependent delivery of mesalazine from polymer coated and drug-loaded SBA-16 systems.. Eur. J. Pharm. Sci., 81, Elsevier, 2016, ISSN:0928-0987, DOI:10.1016/j.ejps.2015.10.003, 75-

Цумура се в:

2470. 7) Abbaszad Rafi, A., Mahkam, M., Davaran, S., Hamishehkar, H. A Smart pH-responsive Nano-Carrier as a Drug Delivery System: A hybrid system comprised of mesoporous nanosilica MCM-41 (as a nano-container) & a pH-sensitive polymer (as smart reversible gatekeepers): Preparation, characterization and in vitro release studies of an anti-cancer drug, European Journal of Pharmaceutical Sciences, 93, 64-73, (2016)., @2016

732. **Ognyanov, M.**, Remoroza, C., Schols, H. A., **Georgiev, Y.**, **Kratchanova, M.**, Kratchanov, Chr.. Isolation and structure elucidation of pectic polysaccharide from rose hip fruits (*Rosa canina* L.). Carbohydrate Polymers, 151, Elsevier, 2016, DOI:10.1016/j.carbpol.2016.06.031, 803-811. ISI IF:4.219

Цумура се в:

2471. Lía Noemí Gerschenson, The production of galacturonic acid enriched fractions and their functionality, Food Hydrocolloids (2016), doi: 10.1016/j.foodhyd.2016.11.030, @2016

733. **Dolashka, P.**, **Dolashki, A.**, Van Beeumen J, Floetenmeyer M, **Velkova, L.**, Stevanovic, S., Voelter, W.. Antimicrobial activity of molluscan hemocyanins from *Helix* and *Rapana* snails. Current Pharm. Biotechnol 17, 2016, ISI IF:1.8

Цумура се в:

2472. Differential Protein Expression in the Hemolymph of *Bithynia siamensis* goniomphalos Infected with *Opisthorchis viverrini*, @2016

2473. Immunological properties of oxygen-transport proteins: hemoglobin, hemocyanin and hemerythrin, @2016

2474. Cation metals specific hemocyanin exhibits differential antibacterial property in mud crab, *Scylla serrata*, @2016

734. Atanassova, M., **Kurteva, V.**.. Synergism as a phenomenon in solvent extraction of 4f-elements with calixarenes. RSC Advances, 6, RSC, 2016, ISSN:2046-2069, DOI:10.1039/C5RA22306G, 11303-1132. ISI IF:3.84

Цумура се в:

2475. Fat'yanova, A. A.; Gusak, A. S.; Trofimova, O. A.; Prokhorova, R. E.; An improved process for the preparation of p-tert-butylcalix[4]arene: from laboratory-scale synthesis to scale-up development, *Chimica TechnoActa*, 2016, 3, 134-146., @2016

735. Stavrakov, G., Valcheva, V., Voynikov, Y., **Philipova, I.**, Atanasova, M., Konstantinov, S., Peikov, P., Doytchinova, I.. Design, synthesis and antimycobacterial activity of novel theophylline-7-acetic acid derivatives with amino acid moieties. Chemical Biology and Drug Design, 87, 3, Wiley-Blackwell, 2016, ISSN:1747-0285, DOI:10.1111/cbdd.12676, 335-341. SJR:0.815, ISI IF:2.802

Цумура се в:

2476. V. P. Krasnov, A. Y. Vigorov, V. V. Musiyak, I. A. Nizova, D. A. Gruzdev, T. V. Matveeva, G. a L. Levit, M. A. Kravchenko, S. N. Skornyakov, O. B. Bekker, V. N. Danilenko, V. N. Charushin; Bioorganic & Medicinal Chemistry Letters 2016, 26, 2645-2648. Synthesis and antimycobacterial activity of N-(2-aminopurin-6-yl) and N-(purin-6-yl) amino acids and dipeptides, @2016

2477. S. Salehi, A.Sh. Saljooghi, A. Shiri; European Journal of Pharmacology 2016 781, 209-217.

736. **Dangalov, M.**, Stoyanova, M., Petrov, P., Putala, M., **Vassilev, N. G.** Fluxional Pd(II) NHC complexes - Synthesis, structure elucidation and catalytic studies. Journal of Organometallic Chemistry, 817, Elsevier, 2016, ISSN:0022-328X, DOI:10.1016/j.jorganchem.2016.05.002, 1-14. SJR:0.708, ISI IF:2.336

Цитира се в:

2478. Tapu, D., Buckner, O.J., Boudreaux, C.M., Norvell, B., Vasiliu, M., Dixon, D.A., Millen, C.D., A benzothiadiazole-supported N-heterocyclic carbene and its rhodium and iridium complexes, Journal of Organometallic Chemistry, 823, 40-49(2016), @2016

737. Stavrakov, G., **Philipova, I.**, Zheleva, D., Atanasova, M., Konstantinov, S., Doytchinova, I.. Docking-based design of galantamine derivatives with dual-site binding to acetylcholinesterase. Molecular Informatics, 35, 6-7, Wiley - VCH, 2016, ISSN:1868-1743, DOI:10.1002/minf.201600041, 278-285. SJR:0.599, ISI IF:1.57

Цитира се в:

2479. R. Malik, B. S. Choudhary, S. Srivastava, P. Mehta & M. Sharma; Journal of Biomolecular Structure and Dynamics <http://dx.doi.org/10.1080/07391102.2016.1253503>, Identification of novel Acetylcholinesterase inhibitors through e-pharmacophore based virtual screening and molecular dynamics simulations, @2016

Под печат

738. **Dolashka-Angelova, P.**, Moshtanska, V., Kujumdzieva, A., Atanasov, B., Petrova, V., Voelter, W., Van Beeumen, J.. Structure of glycosylated Cu/Zn-superoxide dismutase from Kluyveromyces yeast NBIMCC 1984.. J. Molecular Structure, приета за печат: 2010, ISSN:0022-2860, 18-23. ISI IF:1.68

Цитира се в:

2480. Kluyveromyces marxianus as a host for heterologous protein synthesis., @2016

739. **Dolashka, P.**, Franck, Z., **Dolashki, A.**, Laura, M., Pietro, T., Salvato, B.. ESI-MS and MALLS analysis of quaternary structure of molluscan and arthropodan hemocyanins.. J. Mass Spectrometry., 47, 7, приета за печат: 2012, DOI:10.1002/jms.2967, 940-947. ISI IF:2.54

Цитира се в:

2481. Cation metals specific hemocyanin exhibits differential antibacterial property in mud crab, Scylla serrata., @2016