

Списък на всички научни публикации

Институт по обща и неорганична химия

Година на публикуване 2018 г.

№	Публикация		Процент автори от звеното
1	Emin, S, Altinkaya, C., Semerci, A., Okuyucu, H, Yildiz, A., Stefanov, P , Tungsten carbide electrocatalysts prepared from metallic tungsten nanoparticles for efficient hydrogen evolution. APPLIED CATALYSIS B-ENVIRONMENTAL, 236, ELSEVIER SCIENCE BV, 2018, ISSN:0926-3373, DOI:10.1016/j.apcatb.2018.05.026, 147-153. ISI IF:11.698 Линк	С ISI IF - оглавява ранглистата	16.67
2	Nikov, Ru. G., Dikovska, A. Og., Atanasova, G. B. , Avdeev, G. V., Nedyalkov, N. N, Magnetic-field-assisted formation of oriented nanowires produced by pld in open air. Applied Surface Science, 458, 2018, ISSN:0169-4332, DOI:10.1016/j.apsusc.2018.07.109, 273-280. SJR:1.093, ISI IF:4.439 Линк	С ISI IF - оглавява ранглистата	20.00
3	Bachvarova-Nedelcheva A., Iordanova R., Kostov K. L. , Ganev V., Yordanov St., Dimitriev Y, Synthesis and structural characterization of a glass in the Ag ₂ O-SeO ₂ -MoO ₃ system. J. Non-Cryst. Sol., 481, Elsevier, 2018, DOI:10.1016/j.jnoncrysol.2017.10.035, 138-147. ISI IF:2.488 Линк	С ISI IF - Q1, не оглавява ранглистата	50.00
4	Drenchev, N , Rosnes, MH, Dietzel, PDC, Albinati, A, Hadjiivanov, K , Georgiev, PA. Open Metal Sites in the Metal-Organic Framework CPO-27-Cu: Detection of Regular and Defect Copper Species by CO and NO Probe Molecules. Journal of Physical Chemistry C, 122, 30, 2018, DOI:10.1021/acs.jpcc.8b04045, 17238-17249. ISI IF:4.484 Линк	С ISI IF - Q1, не оглавява ранглистата	33.33
5	Iordanova R., Milanova M., Aleksandrov L. , Khanna A, Structural study of glasses in the system B ₂ O ₃ -Bi ₂ O ₃ -La ₂ O ₃ -WO ₃ . Journal of Non-Crystalline Solids, 481, Elsevier, 2018, 254-259. ISI IF:2.488 Линк	С ISI IF - Q1, не оглавява ранглистата	75.00
6	Marinkov, N., Markova-Velichkova, M. , Gyurov, S., Kostova, Y., Spasova, I., Rabadjieva, D., Kovacheva, D. , Penkov, I., Tzvetkova, Chr., Gentscheva, G , Preparation and characterization of silicagel from silicate solution obtained by autoclave treatment of copper slag. Journal of Sol-Gel Science and Technology, 87, 2, 2018, ISSN:1573-4846, DOI:10.1007/s10971-018-4741-8, 331-339. ISI IF:1.745 Линк	С ISI IF - Q1, не оглавява ранглистата	70.00
7	Marinova, D., Kukeva, R, Zhecheva, E., Stoyanova, R , Selective Sodium Intercalation into Sodium Nickel-Manganese Sulfate for Dual Na-Li-Ion Batteries. Physical Chemistry Chemical Physics, 20, Royal Society of Chemistry, 2018, ISSN:1463-9076 (print); 1463-9084 (web), DOI:10.1007/s00269-018-0963-0, 12755-12766. SJR:1.686, ISI IF:3.906 Линк	С ISI IF - Q1, не оглавява ранглистата	100.00
8	Marinova, D., Kostov, V., Nikolova, R., Kukeva, R, Zhecheva, E., Stoyanova, R , Redox properties of alluaudite sodium cobalt manganese sulfates as high-	С ISI IF - Q1, не оглавява	66.67

	voltage electrodes for rechargeable batteries. Chemical Communications, 54, Royal Society of Chemistry, 2018, ISSN:1359-7345 (print); 1364-548X (web), DOI:10.1039/c8cc01922c, 5466-5469. SJR:2.555, ISI IF:6. Линк	ранглистата	
9	Stanislava Andonova , Zehra Aybegüm Ok, Nikola Drenchev , Emrah Ozensoy, Konstantin Hadjiivanov . Pt/CeOx/ZrOx/γ-Al2O3 Ternary Mixed Oxide DeNOx Catalyst: Surface Chemistry and NOx Interactions. Journal of Physical Chemistry C, 122, 24, 2018, ISSN:1932-7447, DOI:10.1021/acs.jpcc.8b03186, 12850-12863. ISI IF:4.484 Линк	С ISI IF - Q1, не оглавява ранглистата	60.00
10	Ataalla M., Afify A. S., Hassan M., Abdallah M., Milanova M. , Aboul-Enein, H. Y., Mohamed A, Tungsten-based glasses for photochromic, electrochromic, gas sensors, and related applications: A review. Journal of Non-Crystalline Solids, 491, Elsevier, 2018, DOI:10.1016/j.jnoncrysol.2018.03.050, 43-54. ISI IF:2.488 Линк	С ISI IF - Q1, не оглавява ранглистата	14.29
11	Bumstead, A. M., Cordes, D. B., Dawson, D. M., Chakarova, K. , Mihaylov, M. , Hobday, C., Düren, T., Hadjiivanov, K. , Slawin, A., Ashbrook, S., Prasad, R., Wright, A, Modulator-Controlled Synthesis of Microporous STA-26, an Interpenetrated 8,3-Connected Zirconium MOF with the the-iTopology, and its Reversible Lattice Shift. Chemistry – A European Journal, 20, 2018, 6115-6126. ISI IF:5.317 Линк	С ISI IF - Q1, не оглавява ранглистата	25.00
12	Chakarova, V., Boiadjieva-Scherzer, Tz., Kovacheva, D. , Kronberger, H., Monev, M, Corrosion behaviour of electrodeposited Zn-Cr alloy coatings. CORROSION SCIENCE, 140, 2018, ISSN:0010-938X, DOI:10.1016/j.corsci.2018.06.019, 73-78. ISI IF:4.862 Линк	С ISI IF - Q1, не оглавява ранглистата	20.00
13	Crisitna Megías-Sayago, Kristina Chakarova , Anna Penkova, Alice Lolli, Svetlana Ivanova, Stefania Albonetti, Fabrizio Cavani, José A. Odriozola. Understanding the Role of the Acid Sites in 5-Hydroxymethylfurfural Oxidation to 2,5-Furandicarboxylic Acid Reaction over Gold Catalysts: Surface Investigation on CexZr1-xO2 Compounds. ACS Catalysis, 8, 2018, DOI:10.1021/acscatal.8b02522, 11154-11164. ISI IF:11.384 Линк	С ISI IF - Q1, не оглавява ранглистата	12.50
14	Esmeryan, K., Avramova, I. , Castano, C., Ivanova, I., Mohammadi, R., Radeva, E., Stoyanova, D., Vladkova, T, Early stage anti-bioadhesion behavior of superhydrophobic soot based coatings towards Pseudomonas putida. Materials and Design, 160, Elsevier, 2018, ISSN:02641275, DOI:DOI: 10.1016/j.matdes.2018.09.037, 395-404. SJR:1.82, ISI IF:4.525 Линк	С ISI IF - Q1, не оглавява ранглистата	12.50
15	Kostov-Kitin, V, Dyulgerova, E, Ilieva, R , Petkova, V. Powder x-ray diffraction studies of hydroxyapatite and β-TCP mixtures processed by high energy dry milling. Ceramic International, 44, 7, Elsevier, 2018, ISSN:0272-8842, DOI:https://doi.org/10.1016/j.ceramint.2018.02.094, 8664-8671. SJR:0.78, ISI IF:3.057 Линк	С ISI IF - Q1, не оглавява ранглистата	25.00
16	Pecovska-Gjorgjevich, M., Stefov, V., Najdoski, M., Koleva, V. , Mentus, S., Petruševski, G, Mg2KH(XO4)2•15H2O (X = P, As) containing acidic dimer units: Electrochemical impedance spectroscopy, IR spectroscopy and DSC studies. Journal of Alloys and Compounds, 746, Elsevier, 2018, 699-709. ISI IF:3.779 Линк	С ISI IF - Q1, не оглавява ранглистата	16.67

17	Popova, M., Shestakova, P., Lazarova, H., Dimitrov, M., Kovacheva, D. , Szegedi, A., Mali, G., Dasireddy, V., Likoazar, B., Wilde, N., Glaser, R, Efficient solid acid catalysts based on sulfated tin oxides for liquid phase esterification of levulinic acid with ethanol. APPLIED CATALYSIS A-GENERAL, 560, 2018, ISSN:0926-860X, DOI:10.1016/j.apcata.2018.04.041, 119-131. ISI IF:4.521 Линк	С ISI IF - Q1, не оглавява ранглистата	9.09
18	Rangelova, N., Aleksandrov, L. , Nenkova, S, Synthesis and characterization of pectin/SiO ₂ hybrid materials, Journal of Sol-Gel Science and Technology. Springer, 85, 2, Journal Sol-gel Science and Technology, 2018, 330-339. ISI IF:1.745 Линк	С ISI IF - Q1, не оглавява ранглистата	33.33
19	Sosorov, L., Stoyanova, A., Boyadzhieva, T. , Koleva, V. , Kalapsazova, M. , Stoyanova, R. Nickel-Manganese Structured and Multiphase Composites as Electrodes for Hybrid Supercapacitors. Electrochimica Acta, 283, Elsevier, 2018, 1063-1071. ISI IF:5.116 Линк	С ISI IF - Q1, не оглавява ранглистата	66.67
20	Tsoncheva T, Mileva A, Marinov S, Paneva D, Velinov N, Spassova I , Kosateva A, Kovacheva D , Petrov N. Activated carbons from used motor oil as catalyst support for sustainable environmental protection. Microporous and Mesoporous Materials, 259, 2018, 9-16. ISI IF:3.615 Линк	С ISI IF - Q1, не оглавява ранглистата	22.22
21	Tsoncheva T., Mileva A., Tsyntsarski B., Paneva D., Spassova I. , Kovacheva D. , Velinov N., Karashanova D., Georgieva B., Petrov N, Activated carbon from Bulgarian peach stones as a support of catalysts for methanol decomposition. Biomass and Bioenergy, 109, 2018, 135-146. ISI IF:3.358 Линк	С ISI IF - Q1, не оглавява ранглистата	20.00
22	Georgieva I. , Trendafilova N. , Zahariev T. , Danchova N., Gutzov S, Theoretical insight in highly luminescent properties of Eu(III) complex with phenanthroline. Journal of Luminescence, 202, Elsevier B.V., 2018, DOI:10.1016/j.jlumin.2018.05.045, 192-205. ISI IF:2.732 Линк	С ISI IF - Q2	60.00
23	Konova, P. , Naydenov, A. , Nikolov, P. , Kumar, N, Low-temperature Ozone Decomposition, CO and Iso-propanol Combustion on Silver Supported MCM-41 and Silica. Journal of Porous Materials, 25, 5, Springer US, 2018, ISSN:1573-4854, DOI:https://doi.org/10.1007/s10934-017-0540-9, 1301-1308. SJR:0.5, ISI IF:1.858 Линк	С ISI IF - Q2	75.00
24	Shipochka, M. , Eliyas, A., Stambolova, I. , Blaskov, V. , Vassilev, S., Simeonova, S., Balashev, K, Synthesis of TiO ₂ on SnO ₂ bicomponent system and investigation of its structure and photocatalytic activity. Materials Chemistry and Physics, 220, 2018, ISSN:0254-0584, 249-259. SJR:0.62, ISI IF:2.21 Линк	С ISI IF - Q2	42.86
25	Ahmad S., Saleem M., Georgieva I. , Ruffer T., Schaarschmidt D., Lang H., Murtaza G., Hussain I., Habir-ur-Rehman, Isab A.A., Malik M.R., Ali S, Synthesis, characterization, DFT calculations and antimicrobial studies of cadmium(II) sulfate complexes of thioureas and 2-mercaptopyridine; X-ray structures of polymeric diaqua(N,N'-dimethylthiourea) sulfatocadmium(II) and bis(2-mercaptopyridine)sulfatocadmium(II). Polyhedron, 149, PERGAMON-ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD OX5 1GB, ENGLAND, 2018, ISSN:0277-5387, DOI:10.1016/j.poly.2018.04.035, 126-133. ISI IF:2.067 Линк	С ISI IF - Q2	8.33

26	Akika, F.Z., Benamira, M., Lahmar, H., Tibera, A., Chabi, R., Avramova, I. , Suzer, Ş., Trari, M, Structural and optical properties of Cu-substitution of NiAl ₂ O ₄ and their photocatalytic activity towards Congo red under solar light irradiation. Journal of Photochemistry and Photobiology A: Chemistry, 364, Elsevier, 2018, ISSN:1010-6030, DOI:DOI: 10.1016/j.jphotochem.2018.06.049, 542-550. ISI IF:2.891 Линк	C ISI IF - Q2	12.50
27	Galluzzi, A., Buchkov, K., Tomov, V., Nazarova, E., Kovacheva, D. , Leo, A., Grimaldi, G., Pace, S., Polichetti, M, Mixed state properties of iron based Fe(Se,Te) superconductor fabricated by Bridgman and by self-flux methods. Journal of Applied Physics, 123, 23, 2018, ISSN:00218979, DOI:10.1063/1.5032202, ISI IF:2.176 Линк	C ISI IF - Q2	11.11
28	Grabchev, I., Vasileva-Tonkova, E., Staneva, D., Bosch, P., Kukeva, R., Stoyanova, R. , Impact of Cu(ii) and Zn(ii) ions on the functional properties of new PAMAM metallo dendrimers. New Journal of Chemistry, 42, 10, Royal Society of Chemistry, 2018, ISSN:1144-0546, DOI:10.1039/c8nj00384j, 7853-7862. ISI IF:3.201 Линк	C ISI IF - Q2	33.33
29	Harizanova, R., Avramova, I. , Wisniewski, W., Avdeev, G., Tzankov, D., Georgieva, M., Gugov, I., Rüssel, C, EBSD investigation and magnetic properties of manganese ferrite crystallized in a sodium-silicate glass. CrystEngComm, 20, 30, ROYAL SOC CHEMISTRY, 2018, ISSN:1466-8033, DOI:10.1039/c8ce00484f, 4268-4276. ISI IF:3.304 Линк	C ISI IF - Q2	12.50
30	Kamburova, K., Boshkova, N., Boshkov, N., Atanassova, G. , Radeva, Ts, Hybrid zinc coatings for corrosion protection of steel using polyelectrolyte nanocontainers loaded with benzotriazole. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 559, 2018, ISSN:09277757, DOI:10.1016/j.colsurfa.2018.09.039, 243-250. SJR:0.753, ISI IF:2.829 Линк	C ISI IF - Q2	20.00
31	Nedyalkov, N., Stankova, N.E., Koleva, M.E., Nikolov, R., Grozeva, M., Yordanova, E., Yankov, G., Aleksandrov, L., Yordanova, R. , Karashanova, D, Optical properties modification of gold doped glass induced by nanosecond laser radiation and annealing. Optical Materials, 75, Elsevier, 2018, 646-653. ISI IF:2.32 Линк	C ISI IF - Q2	20.00
32	Nesheva, Diana, Dzhurkov, Valeri, Stambolova, I., Blaskov, V. , Bineva, Irina, Calderon Moreno, Jose Maria, Preda, Silviu, Gartner, Mariuca, Hristova-Vasileva, Temenuga, Shipochka, M. , Surface modification and chemical sensitivity of sol gel deposited nanocrystalline ZnO films. Materials Chemistry and Physics, 209, 2018, 165-171. SJR:0.651, ISI IF:2.084 Линк	C ISI IF - Q2	30.00
33	Penchev, H., Zaharieva, K., Milenova, K., Ublekov, F., Dimova, S., Budurova, D., Staneva, M., Stambolova, I. , Sinigersky, V., Blaskov V. , Novel meta- and AB-Polybenzimidazole/Zinc oxide polymer hybrid nanomaterials for photocatalytic degradation of organic dyes. Materials Letters, 230, 2018, 187-190. ISI IF:2.687 Линк	C ISI IF - Q2	20.00
34	Stojadinovic, S, Radic, N., Tadic, N., Vasilic, R, Stefanov, P. , Grbic, B, Influence of iron doping on photocatalytic activity of TiO ₂ coatings formed on titanium by plasma electrolytic oxidation. JOURNAL OF MATERIALS SCIENCE-MATERIALS	C ISI IF - Q2	16.67

	IN ELECTRONICS, 29, 11, SPRINGER, 2018, ISSN:0957-4522, DOI:10.1007/s10854-018-8975-6, 9427-9434. ISI IF:2.324 Линк		
35	Balarew, C, Tepavitcharova, S, Kamburov, S. Study of the spontaneous crystallization of Na ₂ SO ₄ •7HO and Na ₂ SeO ₄ •7.5HO. Monatshefte für Chemie, 149, 2, Springer, 2018, ISSN:0026-9247, DOI:10.1007/s00706-017-2090-x, 289-298. SJR:0.34, ISI IF:1.282 Линк	C ISI IF - Q3	100.00
36	Koseva, I, Tzvetkov, P., Ivanov, P., Yordanova, A., Nikolov, V, Some investigations on Tb ³⁺ and Eu ³⁺ doped Na ₂ SiO ₃ as a material for LED application. Optik, 168, 1, 2018, DOI:https://doi.org/10.1016/j.ijleo.2018.04.113, 376-383. SJR:0.346, ISI IF:1.191 Линк	C ISI IF - Q3	80.00
37	Marinova, D, Wildner, M., Bancheva, Tsv., Stoyanova, R., Georgiev, M., Stoilova, D, Synthesis, structure and properties of blödite-type solid solutions, Na ₂ Co _{1-x} Cu _x (SO ₄) ₂ •4H ₂ O (0 < x ≤ 0.18), and crystal structure of synthetic kröhnkite, Na ₂ Cu(SO ₄) ₂ •2H ₂ O. Physics and Chemistry of Minerals, 45, Springer, 2018, ISSN:0342-1791 (Print) 1432-2021 (Online), DOI:10.1007/s00269-018-0963-0, 801-817. SJR:0.567, ISI IF:1.679 Линк	C ISI IF - Q3	50.00
38	Rabadjieva, D, Kovacheva, A, Tepavitcharova, S, Dassenakis, M, Karavoltzos, S. Trace metals pollution of waters and soils in Kardjali region, Bulgaria. Environmental Monitoring and Assessment, 190, 7, Springer, 2018, ISSN:0167-6369, DOI:https://doi.org/10.1007/s10661-018-6766-4, 383-399. SJR:0.59, ISI IF:1.804 Линк	C ISI IF - Q3	60.00
39	Tepavitcharova, S, Havlicek, D, Matulková, I, Rabadjieva, D, Balarew, C, Gergulova, R, Němec, I, Císařová, I, Plocek J. Solid phases in the systems Gly - ZnX ₂ - H ₂ O ₂ (X = Cl-, Br-, I-). Monatshefte für Chemie, 149, 2, Springer, 2018, ISSN:0026-9247, DOI:https://doi.org/10.1007/s00706-017-2120-8, 299-311. SJR:0.34, ISI IF:1.282 Линк	C ISI IF - Q3	44.44
40	Vassileva, P.S., Detcheva, A.K., Radoykova, T.H.R., Avramova, I.A., Aleksieva, K.I., Nenkova, S.K., Valchev, I.V., Mehandjiev, D.R, Studies on AG ⁺ adsorption using two new lignocellulosic materials based on populus Alba L. and Robinia Pseudoacacia L, Cellulose Chemistry and Technology, 52, 7-8, EDITURA ACAD ROMANE, 2018, ISSN:0576-9787, 633-643. ISI IF:0.764 Линк	C ISI IF - Q3	50.00
41	Ahmad T., Mahmood R., Georgieva I., Zahariev T., Tahir M.N., Shaheen M.A., Gilani M.A., Ahmad S, Synthesis, crystal structure and DFT studies of a novel dinuclear copper(I) complex with triphenylphosphine and 2-mercaptonicotinic acid. Journal of Molecular Structure, 1153, Elsevier, 2018, DOI:10.1016/j.molstruc.2017.10.005, 179-186. SJR:0.401, ISI IF:2.011 Линк	C ISI IF - Q3	25.00
42	Cherkezova-Zheleva, Z., Paneva, D., Shopska, M., Ilieva, R., Iliev, M., Kovacheva, D., Kadinov, G, Investigation of biogenic iron-containing nanoscale composite materials. Hyperfine Interactions, 239, 1, 2018, ISSN:0304-3843, 6. ISI IF:0.66 Линк	C ISI IF - Q3	14.29
43	Dishovsky N., Malinova P., Uzunov I, Biogenic Amorphous Silica as Filler for Elastomers. Journal of Renewable Materials, 6, 4, Scrivener Publishing, 2018,	C ISI IF - Q3	33.33

	DOI:DOI: https://doi.org/10.7569/JRM.2017.634171 , 412-429. SJR:0.3, ISI IF:0.986 Линк		
44	Grabchev, I., Vasileva-Tonkova, E., Staneva, D., Bosch, P., Kukeva, R., Stoyanova, R , Synthesis, spectral characterization, and in vitro antimicrobial activity in liquid medium and applied on cotton fabric of a new PAMAM metallodendrimer. International Journal of Polymer Analysis and Characterization, 23, 1, Taylor & Francis, Inc., 2018, ISSN:1023-666X, DOI:10.1080/1023666X.2017.1387025, 45-57. ISI IF:1.333 Линк	C ISI IF - Q3	33.33
45	Staneva, D., Grabchev, I., Bosch, P., Vasileva-Tonkova, E., Kukeva, R., Stoyanova, R , Synthesis, characterisaion and antimicrobial activity of polypropylenamine metallodendrimers modified with 1,8-naphthalimides. Journal of Molecular Structure, 1164, Elsevier, 2018, ISSN:0022-2860, DOI:10.1016/j.molstruc.2018.03.017, 363-369. SJR:0.409, ISI IF:2.011 Линк	C ISI IF - Q3	33.33
46	Stoyanova-Ivanova, A.K., Terzieva, S.D., Georgieva, S.I., Blagoev, B.S., Kovacheva, D.G. , Zaleski, A., Mikli, V, Superconductivity and magnetic studies of bulk Y123/BaCuO2 composite. Romanian Journal of Physics, 63, 1-2 art. no. 602, 2018, ISSN:1221146X, 15. ISI IF:1.398 Линк	C ISI IF - Q3	14.29
47	Todorova, S., Naydenov, A. , Kolev, H., Ivanov, G. , Ganduly, A., Mondal, S., Saha, S., Ganduli, A.K, Reaction kinetics and mechanism of complete methane oxidation on Pd/Mn2O3 catalyst. Reaction Kinetics, Mechanisms and Catalysis, 123, 2, 2018, DOI:10.1007/s11144-018-1343-y, 585-605. ISI IF:1.515 Линк	C ISI IF - Q3	25.00
48	Avramova, I.A. , Radoykova, T.Hr., Valchev, I.V., Mehandjiev, D.R , X-ray photoelectron spectroscopy investigations of lignocellulosic materials. Bulgarian Chemical Communications, 50, 3, BAS, 2018, ISSN:0324-1130, 411-416. ISI IF:0.242 Линк	C ISI IF - Q4	50.00
49	Detcheva, A. K. , Hassler, J, Investigation of late-antique and early-christian glass artefacts from south-west Bulgaria by means of electrothermal vaporization inductively coupled plasma optical emission spectrometry. Comptes rendus de l'Académie bulgare des Sciences, 71, 4, 2018, 476-482. ISI IF:0.27 Линк	C ISI IF - Q4	50.00
50	Ellie L. Uzunova . Theoretical study of nitrogen dioxide and nitric oxide co-adsorption and DeNOx reaction on Cu-SAPO-34 and Cu-SSZ-13 in presence of Brønsted acid sites. Molecular Catalysis, 447, Elsevier, 2018, ISSN:2468-8231, DOI:http://doi.org/10.1016/j.mcat.2018.01.003, 47-55. ISI IF:4.17 Линк	C ISI IF - Q4	100.00
51	Gancheva MN, Konova PM, Ivanov GM, Aleksandrov LI, Iordanova RS, Naydenov AI . Mechanochemically assisted solid state synthesis and catalytic properties of CuWO4. Bulgarian Chemical Communications, H50, 2018, 93-98. SJR:0.156, ISI IF:0.242 Линк	C ISI IF - Q4	100.00
52	Ilieva, R , Dylgerova, E, Petrov, O, Tarassov, M., Gusiyska, A., Vasileva, R, Preparation of hydroxyapatite/hyaluronan biomimetic nano-hybrid material for reconstruction of critical size bone defects. Bulgarian Chemical Communications, 50, Special Issue J, Bulgarian Academy of Sciences, 2018, ISSN:0324-1130, 97-105. SJR:0.16, ISI IF:0.242 Линк	C ISI IF - Q4	16.67

53	Koseva, I., Tzvetkov, P., Ivanov, P., Yordanova, A., Nikolov, V, Rare Earth doped silicate glass-ceramics for LED application. Bulgarian Chemical Communications, 50 F, 2018, 173-178. ISI IF:0.23 Линк	C ISI IF - Q4	80.00
54	Kostov, K. L., Belamie, E., Alonso, B., Mineva, T. Surface chemical states of cellulose, chitin and chitosan studied by density functional theory and high-resolution photoelectron spectroscopy. Bulgarian Chemical Communications, 50, Special Issue J, Bulgarian Academy of Sciences, Union of Chemists in Bulgaria, 2018, ISSN:0324-1130, 135-146. ISI IF:0.238 Линк	C ISI IF - Q4	25.00
55	Lazarova, Ts., Kovacheva, D, A new phase obtained by oxidation of nanosized spinel MnFe ₂ O ₄ Bulgarian Chemical Communications. Bulgarian Chemical Communications, 50, Special Issue: F, 2018, 163-166. ISI IF:0.242 Линк	C ISI IF - Q4	100.00
56	Markova-Velichkova, M., Lazarova, Ts., Ivanov, G., Naydenov, A., Kovacheva, D, Hexane and toluene oxidation on LaCoO ₃ and YCoO ₃ perovskite catalysts. Bulgarian Chemical Communications, 50, 2018, 74-79. ISI IF:0.242 Линк	C ISI IF - Q4	100.00
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