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Articole publicate într-o revistă indexată Web of Scenice, SCOPUS, IEEE

Nr. Crt. Quartile	Articole publicate într-o revistă indexată Web of Science (<i>Journal Citation Reports Q1, Q2, Q3, Q4, Emerging Sources Citation Index, Arts & Humanities Citation Index</i>), SCOPUS, IEEE
1 Q1	Crisan L., Borota A., Suzuki T., Funar-Timofei S. An approach to identify new insecticides against Myzus Persicae. In silico study based on linear and non-linear regression techniques <i>Mol. Inf.</i> 38, 1800119, 2019.
2 Q1	Bora A., Suzuki T., Funar-Timofei S. Neonicotinoid insecticide design: molecular docking, multiple chemometric approaches, and toxicity relationship with Cowpea aphids <i>Environ. Sci. Pollut. Res.</i> 26, 14547-14561, 2019
3 Q3	Crisan L., Borota A., Bora A., Pacureanu L. Diarylthiazole and diarylimidazole selective COX-1 inhibitors analysis through pharmacophore modeling, virtual screening, and DFT-based approaches <i>Struct. Chem.</i> , 30, 2311-2326, 2019
4 Q2	Simulescu V., Ilia G. Solid-phase synthesis of phosphorus derivatives <i>Current Org. Chem.</i> , 23(6), 679-688, 2019
5 Q4	Simulescu V., Ilia G., Macarie L., Merghes P. Sport and energy drinks consumption before, during and after training <i>Sci. Sports</i> , 34(1), 3-9, 2019
6 Q3	Petrescu A.M., Paunescu V., Ilia G., The antiviral activity and cytotoxicity of 15 natural phenolic compounds with previously demonstrated antifungal activity. <i>J. Environ. Sci. Health, B</i> , 54(6), 498-504, 2019
7 Q1	Croitor L., Petric M. F., Szerb E. I., Vlase G., Bourosh P. N., Chumakov Y., Crisan M.E., Role of 4-nitrobenzoic acid polymorphs in the crystallization process of the organic acid-base multicomponent system <i>Cryst. Eng. Comm</i> , 21, 6038-6047, 2019
8 Q1	Crisan M.E., Gorobet A., Siminel A.V., Bourosh P. N., Croitor L., A new supramolecular isomer of p-aminobenzoate Zn (II) coordination polymer: Structure and photoluminescent property <i>Polyhedron</i> , 171, 502-507, 2019
9 Q2	Nichita I., Lupa L., Stoia M., Dragan E. S., Popa A. Aminophosphonic groups grafted onto the structure of macroporous styrene-divinylbenzene copolymer: preparation and studies on the antimicrobial effect <i>Polym. Bull.</i> , 76, 4539-4557, 2019
10 Q2	Davidescu C.-M., Ardelean R., Popa A. New polymeric adsorbent materials used for removal of phenolic derivatives from wastewaters <i>Pure Appl. Chem.</i> , 91(3), 443-458, 2019
11 Q2	Popa A., Ilia G., Iliescu S., Plesu N., Ene R., Parvulescu V. Styrene-co-divinylbenzene/silica hybrid supports for immobilization transitional metals and their application in catalysis <i>Polym. Bull.</i> , 76, 139-152, 2019

12 Q3	Macarie L., Simulescu V., Ilia G. Phosphonium-based ionic liquids used as reagents or catalysts. <i>Chemistry Select</i>, 4, 9285-9299, 2019
13 Q3	Macarie L., Simulescu V., Ilia G. Ultrasonic irradiation used in synthesis of aminophosphonates. <i>Monatsh. Chem.</i>, 150(2), 163-171, 2019
14 Q1	Moschona A., Plesu N., Mezei G., Thomas A. G., Demadis K. D. Corrosion protection of carbon steel by tetraphosphonates of systematically different molecular size <i>Corros. Sci.</i>, 145, 135-150, DOI: 10.1016/j.corsci.2018.09.021, 2018 (neraportata in 2018)
15 Q1	Maranescu B., Lupa L., Visa A. Synthesis, characterization and rare earth elements adsorption properties of phosphonate metal organic frameworks <i>Appl Surf Sci.</i>, 481, 83-91, 2019
16 Q1	Maranescu B., Plesu N., Visa A. Phosphonic acid vs phosphonate metal organic framework influence on mild steel corrosion protection <i>Appl Surf Sci.</i>, 497, Article Number: UNSP 143734, 2019
17 Q1	Muntean S.G., Nistor M.A., Ianoş R., Păcurariu C., Căpraru A., Surdu V.A. Combustion synthesis of Fe ₃ O ₄ /Ag/C nanocomposite and application for dyes removal from multicomponent systems <i>Appl. Surf. Sci.</i>, 481, 825-837, 2019
18 Q1	Fagadar-Cosma E., Lascu A., Shova S., Zaltariov M.-F., Birdeanu M., Croitor L., Balan A., Anghel D., Stamatina S. X-Ray structure elucidation of a Pt-metalloporphyrin and its application for obtaining sensitive AuNPs-plasmonic hybrids capable to detect triiodide anions <i>Int. J. Mol. Sci. (MDPI)</i>, 20, 710, 2019
19 Q2	Birdeanu M., Bîrdeanu A., Vaida M., Milovanovic D., Lascu A., Fagadar-Cosma E. Corrosion behaviour of ZnTa ₂ O ₆ pseudo-binary oxide, zinc meso-tetra(4-pyridyl)porphyrin (ZnTPyP) and hybrid ZnTa ₂ O ₆ / ZnTPyP layers deposited by PLD <i>Phys. Scr.</i> 94 075702 (5pp), (2019) DOI: 10.1088/1402-4896/ab0857
20 Q4	Lascu A., Palade A., Birdeanu M., Fagadar-Cosma E. Procaine detection using hybrids of cobalt-metalloporphyrin with gold and silver nanoparticles, <i>J. Chem. Soc. Pakistan</i> - vol. 41, no.01, 43-51, 2019
21 Q2	Lascu A., Plesu N., Anghel D., Birdeanu M., Vlascici D., Fagadar-Cosma E. Optical detection of bromide ions using Pt(II)-5,10,15,20-tetra-(4-methoxy-phenyl)-porphyrin <i>Chemosensors (MDPI)</i>, 7, 21, 2019
22 Q2	Fagadar-Cosma E., Vlascici D., Birdeanu M., Fagadar-Cosma G., Novel fluorescent pH sensor based on 5-(4-carboxy-phenyl)-10,15,20-tris(phenyl)-porphyrin, <i>Ara. J. Chem.</i>, 12, 1587-1594, 2019
23 N/A	Lascu A., Fagadar-Cosma E. Platinum porphyrin -Au-NPs hybrid material for optical detection of hydrocortisone <i>KEM</i> 826, 57-66, 2019
24 Q2	Alejo-Armijo A., Corici L., Cseh L.*, Aparaschivei D., Moro A.J., Parola A.J., Lima J.C., Pina F.*,

	Achieving complexity at the bottom. 2,6-Bis(arylidene)cyclohexanones and anthocyanins: the same general multistate of species ACS Omega , 3, 12, 17853-17862, 2018 (neraportata in 2018)
25 Q1	Cretu C., Cseh L.*, Tudose R., Bora A., Matsia S., Hatzidimitriou A., Costisor O., Salifoglou A.* Piperazine core-containing Schiff ligands define chemical reactivity toward divalent metal ions Inorg. Chim. Acta 492, 249-261, 2019
26 Q2	Fall W. S., Yen M-H., Zeng X., Cseh L., Liu Y., Gehring G., Ungar G. Molecular ejection transition in liquid crystal columns self-assembled from wedge-shaped minidendrons Soft Matter , 15, 22-29, 2019
27 Q1	Alejo-Armijo A., Moro A., Parola A. J., Lima J.C., Pina F. *, Corici L., Shova S., Cseh L. * Generalization of the anthocyanins kinetics and thermodynamics multistate to 2,6-bis(2-hydroxybenzylidene)cyclohexanones Dyes & Pigments 163, 573-588, 2019
28 Q1	Li YX, Fan F. F., Wang J., Cseh L., Xue M., Zeng XB, Ungar* G. New type of Columnar liquid crystal superlattice in double-taper ionic minidendrons Chem Eur. J. 25(60), 13739-13747, 2019
29 Q3	Corici L., Caschera D., Cseh L., De Luca G., Szerb E.I.*, Calandra P.* Amphiphiles as novel solvents for photochromics: stability and photophysical properties. Mol. Cryst. Liq. Cryst. , 684(1), 24-36, 2019
30 Scopus	Kiss N. Z., Suskó D. M., Tudose R., Fogassy E., Pálovics E. *, The Synthesis of Optically Active Antipyrylmethyl-Amine Derivatives Acta Sci. Pharm. Sci. , 3(6), 53-56, 2019
31 Q4	Szerb E. I., Domokos R., Crețu C., La Deda M., Chiș V. Vibrational and NMR properties of 2,2'-biquinolines: experimental and computational spectroscopy study J. Nanosci. Nanotechnol. accepted, 2019
32 Q1	Alejo-Armijo A., Corici L., Buta I., Cseh L., Moro A. J., Parola A. J., Lima J. C., Pina F. Multistate of chemical species of 2,6-Bis(arylidene)cyclohexanones. On the role of chalcone and spiro species Dyes & Pigm. 178, 108013, 2019
33 Q2	Ianasi C., Piciorus M., Nicola R., Ciopec M., Negrea A., Niznansky D., Len A., Almasy L., Putz A.M. Removal of cadmium from aqueous solutions using inorganic porous nanocomposites Korean. J Chem. Eng. 36(5) 688-700, 2019
34 Q4	Putz A.M., Almasy L., Len A., Ianasi C. Functionalized silica materials synthesized via co-condensation and post-grafting methods Fuller. Nanotub. Car. N. 27(4), 323-332, 2019.
35 Q3	Almásy L., Putz A.M., Tian Q., Kopitsa G.P., Khamova T.V., Barabás R., Rigó M., Bóta A., Wacha A., Mirica M., Țăranu B., Savii C. Hybrid mesoporous silica with controlled drug release J. Serb. Chem. Soc. 84(9), 1027-1039, 2019
36	Ilies S., Manea F., Orha C., Pop A.

Q2	Enhanced electrochemical response of diclofenac at a fullerene-carbon nanofiber paste electrode <i>Sensors</i> 19(6), 1332-1346, 2019
37 Q4	Verdes O., Sasca V., Suba M., Borcanescu S., Popa A., The influence of palladium on the catalytic activity for ethanol conversion over heteropoly tungstate catalysts, <i>Reac Kinet Mech Cat</i> 128, 53-69, 2019
38 Q4	Holclajtner-Antunović I., Uskoković-Marković S., Popa A., Jevremović A., Nedić Vasiljević B., Milojević-Rakić M., Bajuk-Bogdanović D. Ethanol dehydration over Keggin type tungstophosphoric acid and its potassium salts supported on carbon <i>Reac Kinet Mech Cat</i> 128, 121-137, 2019
39 Q2	Petrescu A.M., Lukinich-Gruia A.T., Paunescu V., Ilia G. A theoretical study of the molecular coupled structures of aristolochic acids and humic acid, potential environmental contaminants. <i>Chem. Biodiv.</i>, 16, e1900406, (14 pag), 2019
40 Q2	Pahomi A., Vlase G., Toma A., Ilia G., Turcus V., Doca N., Vlase T. Synthesis, thermal behavior and FTIR study of some hydroxyapatite precursors doped with two metals <i>J. Therm. Anal. Calorim.</i>, 138(3), 2175-2183, 2019
41 Q2	Motoc S., Cretu C., Costisor O., Baciuc A., Manea F.*, Szerb E. I.* Cu(I) coordination complex precursor for randomized CuO _x microarray loaded on carbon nanofiber with excellent electrocatalytic performance for electrochemical glucose detection <i>Sensors</i>, 19(24), 5353, 2019.