

Anexa 4.14

Un articol publicat într-o revistă cotate de *Web of Science* (Thomson Reuters)

	Articol	FI	$((1 + FI) \times (N_{ic}/N_a))$	Factor de impact cumulat conform <i>Web of Science</i> (Thomson Reuters)
1.	Funar-Timofei S., Borota A., Crisan L. Combined molecular docking and QSAR study of fused heterocyclic herbicide inhibitors of D1 protein in photosystem II of plants <i>Mol. Div.</i> , 21(2), 437–454, 2017	1.752	$(1 + 1.752) \times (3/3)$	2.752
2.	Crisan L., Borota A., Funar-Timofei S. QSAR and ligand-based pharmacophore models of dibenzoylhydrazines with insecticide activity against the silkworm <i>Bombyx Mori</i> L. <i>Rev. Roum. Chim.</i> , 62 (8-9), 699-706, 2017	0.246	$(1 + 0.246) \times (3/3)$	1.246
3.	Moleriu L., Duse A. O., Borcan F., Soica C., Kurunczi L., Nicolov M., Mioc M. Formulation and Characterization of Antibacterial Hydrogels Based on Polyurethane Microstructures and 1,2,4-Triazole Derivatives <i>Mater. Plast.</i> 54(2), 348-352, 2017	0.778	$(1 + 0.778) \times (1/7)$	0.254
4.	1. Oniga S.D., Pacureanu L., Stoica C.I., Palage M.D., Crăciun A., Rusu L.R., Crisan E.L., Araniciu C. COX inhibition profile and molecular docking studies of some 2-(trimethoxyphenyl)-thiazoles, <i>Molecules</i> , 22(9), 1507, 2017	2.861	$(1+2.861) \times (2/8)$	0.965
5.	Varga D., Crisan L., Pacureanu L. Molecular modeling studies of thiazole derivatives as PIN1 inhibitors <i>Rev.Roum. Chim.</i> 62(4-5), 425-432, 2017	0.246	$(1+0.246) \times (3/3)$	1.246
6.	Mioc M., Soica C., Bercean V., Avram S., Balan-Porcarasu M., Coricovac D., Ghiulai R., Muntean D., Andrica F., Dehelean C., Spandidos D.A., Tsatsakis A.M., Kurunczi L. Design, synthesis and pharmaco-toxicological assessment of 5-mercapto-1,2,4-triazole derivatives with antibacterial and antiproliferative activity <i>Int. J. Oncol.</i> , 50(4), 1175–1183, 2017	3.079	$(1+3.079) \times (2/13)$	0.628
7.	2. Mioc M., Avram S., Tomescu A.B., Chiriac D.V., Heges A., Voicu M., Voicu A., Citu C., Kurunczi L. Docking study of 3-mercapto-1,2,4-triazole	1.232	$(1+1.232) \times (2/9)$	0.496

	derivatives as inhibitors for VEGFR and EGFR <i>Rev. Chim. (Bucharest)</i> , 68, 500–503, 2017			
8.	Mioc M., Avram S., Bercean V., Balan-Porcarasu M., Soica C., Susan R., Kurunczi L. Synthesis, characterization and antiproliferative activity assessment of a novel 1H-5-mercapto-1,2,4 triazole derivative <i>Rev. Chim. (Bucharest)</i> , 68(4), 745–747, 2017	1.232	$(1+1.232) \times (2/7)$	0.638
9.	1. Crisan L., Avram S., Pacureanu L. Pharmacophore based screening and drug repurposing exemplified on Glycogen Synthase Kinase-3 inhibitors <i>Mol. Div.</i> , 21(2), 385-405, 2017	1.752	$(1 + 1.752) \times (3/3)$	2.752
10.	Ardelean R, Davidescu C. M., Dragan E. S., Popa A., Marcu C., Negrea A. Adsorption of Phenol or Phenol Derivatives onto Styrene-1%(15%)divinylbenzene Polymeric Adsorbents Functionalized with Aminopropyl(benzyl)phosphonic Groups <i>Rev.Chim.(Bucharest)</i> , 67(11), 2180-2183, 2016 (lucrarea neraportata in 2016)	1.232	$(1+1.232) \times (1/6)$	0.372
11.	Davidescu C. M., Ardelean R., Popa A. Performance of poly(styrene-codivinylbenzene) functionalized with different aminophosphonate pendant groups, in the removal of phenolic compounds from aqueous solutions <i>Pure Appl. Chem.</i> , 88(10-11), 993–1004, 2016 (lucrarea neraportata in 2016)	2.626	$(1+2.626) \times (1/3)$	1.209
12.	Lupa L., Popa A., Dragan E. S., Ciopec M., Negrea A., Negrea P. Adsorption performance of the organic solid support impregnated with ionic liquid in the removal process of Tl(I) from aqueous solutions <i>Process. Saf. Environ. Prot.</i> , 108, 67–73, 2017	2.905	$(1+2.905) \times (1/6)$	0.651
13.	Istratie R., Băbuță R., Popa A., Păcurariu C., Stoia M. Enhanced Adsorption of <i>p</i> -Nitrophenol from Aqueous Solutions Using a Functionalized Styrene-Divinylbenzene Copolymer <i>Water Air Soil Pollut.</i> , 228, 276(1-17), 2017	1.702	$(1+1.702) \times (1/5)$	0.540
14.	Popa A., Ilia G., Iliescu S., N. Doca, Vlase T., Vlase G. Thermogravimetric characterization of styrene-divinylbenzene copolymers containing alpha-isopropylaminophosphonic acid groups <i>Int. J. Polym. Anal. Charact.</i> , 22(1), 43–50, 2017	1.515	$(1+1.515) \times (3/6)$	1.258
15.	Iliescu S., Plesu N., Ilia G. Synthetic routes to polyphosphoesters as solid polymer electrolytes for lithium ion batteries <i>Pure Appl. Chem.</i> 88(10-11), 941-952, 2016- neraportata in 2016	2.626	$(1+ 2.626) \times (3/3)$	3.626
16.	Popa. S., Iliescu S., Ilia G., Plesu N., Popa A, Visa A.,	3.531	$(1+3.531) \times (6/7)$	3.883

	Macarie L. Solid polymer electrolytes based on phosphorus containing polymers for lithium polymer batteries <i>Eur. Polym. J.</i> , 94, 286–298, 2017			
17.	Macarie L., Pekar M., Simulescu V., Plesu N., Iiescu S., Iliu G., Tara-Lunga-Mihali M. Properties in aqueous solution of homo- and copolymers of vinylphosphonic acid derivatives obtained by UV-curing. <i>Macromol. Res.</i> , 25(3), 214–221, 2017	1.405	(1+1.405) ^{x(6/7)}	2.061
18.	Murariu A.C., Plesu N, Perianu I. A.,Tara-Lunga-Mihali, M. Investigations on Corrosion Behaviour of WC-CrC-Ni Coatings Deposited by HVOF Thermal Spraying Process <i>Int J Electrochem Sci</i> , 12(2), 1535-1549, 2017	1.469	(1+1.469) ^{x(2/4)}	1.235
19.	Petrescu A-M., Iliu G. Potential carcinogenicity predicted by computational toxicity evaluation of thiophosphate pesticides using QSTR/ QSCarciAR model <i>Drug Chem. Toxicology</i> , 40(3), 263-272, 2017	1.732	(1+1.732) ^{x(1/2)}	1.366
20.	Gheonea R., Mak C., Crasmareanu E., Simulescu V., Plesu N., Iliu G., Surface modification of SnO ₂ with phosphonic acids, <i>J.Chem.</i> Article ID 2105938, 7 pages, 2017	1.30	(1+1.30) ^{x(4/6)}	1.533
21.	Gheonea R., Crasmareanu E.C., Plesu N., Sauca S., Simulescu V., Iliu G., New hybrid materials synthesized with different dyes by sol-gel method, <i>Adv. Mater. Sci. Eng.</i> Article ID 4537039, 8 pages, 2017	1.299	(1+1.299) ^{x(5/6)}	1.911
22.	Maranescu B., Lupa L., Visa A. Heavy Metal Removal From Waste Waters By Phosphonate Metal Organic Frameworks <i>Pure. Appl. Chem.</i> , 2017 , DOI: 10.1515/pac-2017-0307	2.626	(1+2.626) ^{x(3/3)}	3.626
23.	Lupa L., Maranescu B., Visa A. Equilibrium and kinetic studies of chromium ions adsorption on Co (II)-based phosphonate metal organic frameworks <i>Separation Science and Technology</i> , 2017 , DOI: 10.1080/01496395.2017.1340953	1.106	(1+1.106) ^{x(3/3)}	2.106
24.	Maranescu B., Popa A., Lupa L., Maranescu V., Visa A. Use of chitosan complex with aminophosphonic groups and cobalt for the removal of Sr ²⁺ ions <i>Separation Science and Technology</i> , 2017 , DOI: 10.1080/01496395.2017.1304961	1.106	(1+1.106) ^{x(4/5)}	1.684
25.	Muntean S.G., Todea A., Bakardjieva S., Bologa C.			

	Removal of non benzidine direct red dye from aqueous solution by using natural sorbents: <i>Beech</i> and <i>Silver Fir</i> <i>Desalin. Water Treat.</i> , 66: 235-250, 2017	1.631	$(1+1.631)\times(2/4)$	1.316
26.	M. Crisan , L. Halip, P. Bourosh, S. A. Chicu, Y. Chumakov Synthesis, structure and toxicity evaluation of ethanolamine nitr/chloronitrobenzoates: a combined experimental and theoretical study <i>Chemistry Central Journal</i> , acceptat, 2017	2.442	$(1+2.442)\times(2/5)$	1.377
27.	Sebarchievici I., Lascu A., Fagadar-Cosma G., Palade A., Fringu I., Birdeanu M., Taranu B., Fagadar-Cosma E. Optical and electrochemical mediated detection of ascorbic acid using manganese porphyrin and its gold hybrids <i>C. R. Chim.</i> (2017) http://dx.doi.org/10.1016/j.crci.2017.07.006	1.879	$(1 + 1.879)\times(5/8)$	1.799
28.	Fringu I., Lascu A., Palade A., Birdeanu M., Sebarchievici I., Fagadar-Cosma E. Procaine detection using hybrids of cobalt-metalloporphyrin with gold and silver nanoparticles, <i>J.C.S.Pakistan</i> – acceptata spre publicare Septembrie 2017	0.327	$(1 + 0.327)\times(4/6)$	0.884
29.	Iordache A.-M., Cristescu R., Fagadar-Cosma E., Popescu A. C., Iordache S. M., Ciucu A. A., Balan A., Nichita C., Stamatina I., Chrisey D. B. Histamine detection using functionalized porphyrin as electrochemical mediator <i>C. R. Chim.</i> (2017) http://dx.doi.org/10.1016/j.crci.2017.05.008	1.879	$(1 + 1.879)\times(1/10)$	0.287
30.	Birdeanu A.E.V., Birdeanu M., Fagadar-Cosma E. Corrosion protection characteristics of ceramics, porphyrins and hybrid ceramics/porphyrins, deposited as single and sandwich layers, by pulsed laser deposition (PLD) <i>J. Alloys Compds.</i> 706 (2017) 220-226. doi:10.1016/j.jallcom.2017.02.22	3.133	$(1 + 3.133)\times(2/3)$	2.755
31.	Mak C. A., Pericas M. A., Fagadar-Cosma E. Functionalization of A ₃ B-type porphyrin with Fe ₃ O ₄ MNPs. Supramolecular assemblies, gas sensor and catalytic applications <i>Catal. Today</i> (2017) http://dx.doi.org/10.1016/j.cattod.2017.01.014	4.636	$(1 + 4.636)\times(1/3)$	1.878
32.	Fagadar-Cosma E. Porphyrins and their Hybrid Nanomaterials - Medical and Technical Applications <i>Adv. Appl. Sci. Res.</i> 8(1):85-87, 2017	0.29	$(1 + 0.29)\times(1/1)$	1.29
33.	Crispini A., Cretu C., Aparaschivei D., Andelescu A. A., Sasca V., Badea V., Aiello I., Szerb E. I., Costisor O. Influence of the counterion on the geometry of	2.002	$((1+2.002)\times(6/9))$	2.001

	Cu(I) and Cu(II) complexes with 1,10-phenanthroline <i>Inorg. Chim. Acta</i> , DOI: 10.1016/j.ica.2017.05.064, 2017			
34.	Corici L., Shova S., Badea V., Aparaschivei D., Costisor O., Cseh L. Investigations on the photochromic properties of 2,6-bis(5-bromo-2-hydroxybenzylidene)cyclohexanone <i>Photochem. Photobiol. Sci.</i> 16(6), 946-953, 2017	2.344	$((1+2.344) \times (4/6))$	2.229
35.	Pellis A., Ferrario V., Cesugli M., Corici L., Guarneri A., Zartl B., Acero E.H., Ebert C., Guebitz G.M., Gardossi L. Fully renewable polyesters via polycondensation catalyzed by <i>Thermobifida cellulolytica</i> cutinase 1: an integrated approach <i>Green Chem.</i> 19(2), 490-502, 2017	9.125	$((1+9.125) \times (1/10))$	1.013
36.	Pana A. M., Păușescu I., Shova S., Badea V., Tudose R., Silion M., Costișor O., Cseh L. pH dependent structural interconversion of 2-(2-hydroxy-benzylidene)-cyclohexan-1-one: Crystal structures and spectroscopic investigation <i>J. Molec. Struct.</i> 1137, 9-16, 2017	1.753	$((1+1.753) \times (4/8))$	1.377
37.	Moro A. J., Parola A. J., Pina F., Pana A-M., Badea V., Pausescu I., Shova S., Cseh L. 2,2'-Spirobis[chromene] derivatives chemistry and their relation with the multistate system of anthocyanins <i>J. Org. Chem.</i> , 82(10), 5301-5309, 2017	4.849	$((1+4.849) \times (2/8))$	1.462
38.	Buta I., Cseh L., Cretu C., Aparaschivei D., Maxim C., Lönnecke P., Hey-Hawkins E., Stanica N., Ohler E., Rentschler E., Andruh M., Costisor O. Polynuclear copper(II) complexes with hexadentate Schiff base directed by the counter ion. Syntheses, crystal structures and magnetic properties <i>Inorg. Chim. Acta</i> , acceptat, doi.: 10.1016/j.ica.2017.10.024, 2017 .	2.002	$((1+2.002) \times (5/12))$	1.251
39.	Haidu D., Negrea A., Ianăși C., Antal D., Sfirloaga P., Kurunczi L. Contradictory Aspects of Bioaccumulation. ICP-MS, an Approachable Method for Elemental Characterization of Crop Medicinal Plants <i>Dig. J. Nanomater. Biostruct.</i> 12(2), 391 – 400, 2017	0.756	$((1+0.756) \times (3/6))$	0.878
40.	Haidu D., Párkányi D., Moldovan R. I., Savii C., Pinzaru I., Dehelean C., Kurunczi, L. Elemental characterization of Romanian crop medicinal plants by Neutron Activation Analysis <i>J. Anal. Methods Chem.</i> 2017, 9748413, 2017	1.801	$((1+1.801) \times (3/7))$	1.200
41.	Szerb E. I., Cseh L., Pana A.-M., Banica R., Linul P., Lazarovici M., Cretu C., Demetrovici L., Locovei C., Simu G. M., Strimbeanu N., Costisor	0.246	$((1+0.246) \times (5/12))$	0.519

	O. Synthesis and characterization of Copper nanocubes from waste complex catalyst <i>Rev. Roum. Chim.</i> , 62(4-5), 433-438, 2017			
42.	Dehelean C. A., Coricovac D. E., Cseh L., Soica C. M., Simu G. M. Assessment of the effects of organic solvents. Mixture on SKH1 mice after environmental exposure. <i>Farmacia</i> 65(1), 125-131, 2017	1.348	$((1+1.348) \times (1/5))$	0.470
43.	Ianasi C., Costisor O., Putz A.-M., Lazau R, Negrea A., Niznansky D., Sacarescu L., Savii C. Low temperature superparamagnetic nanocomposites obtained by Fe(acac) ₃ -SiO ₂ -PVA hybrid xerogel thermolysis <i>Processing and Application of Ceramics</i> , 10(4) 265-275, 2016 .	0.940	$((1+0.94) \times (4/8))$	0.970
44.	Putz A.-M., Wang K., Len A., Plocek J., Bezdiccka P., Kopitsa G. P., Khamova T. V., Ianăși C., Săcărescu L., Mitróová Z., Savii C., Yan M., Almásy L. Mesoporous silica obtained with methyltriethoxysilane as co-precursor in alkaline medium <i>Appl. Surf. Sci.</i> , 424(3) 275-281, 2017 .	3.387	$((1+3.387) \times (3/13))$	1.012
45.	Ianăși C., Costișor O., Putz A.-M., Plocek J., Săcărescu L., Nižňanský D., Savii C. Superparamagnetic γ -Fe ₂ O ₃ -SiO ₂ Nanocomposites from Fe ₂ O ₃ -SiO ₂ -PVA Hybrid Xerogels. Characterization and MRI Preliminary Testing <i>Curr. Org. Chem.</i> 21, 2017 , in press.	1.924	$((1+1.924) \times (4/7))$	1.671
46.	Almásy L., Putz A.M., Len A., Plestil J., Savii C. Small-angle scattering investigation of silica xerogels and sonogels prepared with ionic liquid pyridinium tetrafluoroborate <i>Processing and Application of Ceramics</i> , 11(3), 229-233, 2017 .	1.070	$((1+1.07) \times (2/5))$	0.828
47.	Sasca V. Z., Verdes O., Popa A., The estimation of thermal endurance for some heteropoly acidic catalysts from thermogravimetric decomposition data, <i>J Therm Anal Calorim</i> , 127(1), 273–282, 2017	1.953	$(1+1.953) \times (3/3)$	2.953
48.	Niculescu M, Pascariu MC, Muntean C, Sasca V, Lupa L, Milea MS, Birzescu M, Thermal and spectroscopic analysis of Co(II)–Fe(III) polyglyoxylate obtained through the reaction of ethylene glycol with metal nitrates <i>J Therm Anal Calorim</i> , (2017) https://doi.org/10.1007/s10973-016-6079-1	1.963	$(1+1.953) \times (2/7)$	0.844

49.	Popa A., Sasca V., Verdes O., Ianasi C., Banica R., Heteropolyacids Anchored on Amino- Functionalized MCM-41 and SBA-15 and its application to the ethanol conversion reaction, <i>J. Therm. Anal. Calorim.</i> , 127, 319-334, 2017	1.953	$(1+1.953) \times (4/5)$	2.362
50.	Popa A., Sasca V., Catalytic conversion of ethanol over Nickel salts of Keggin type heteropolyacids supported on mesoporous silica, <i>React. Kinet. Mech. Catal.</i> , 121 (2), 657–672, 2017	1.264	$(1+1.264) \times (2/2)$	2.264
51.	Jović A., Bajuk-Bogdanović D., Nedić Vasiljević B., Milojević-Rakić M., Krajišnik D., Dondur V., Popa A., Uskoković-Marković S., Holclajtner- Antunović I., Synthesis and characterization of 12- phosphotungstic acid supported on BEA zeolite <i>Mater. Chem. Phys.</i> , 186, 430–437, 2017	2.084	$(1+2.084) \times (1/9)$	0.343
52.	Bajuk–Bogdanović D., Popa A., Uskoković–Marković S., Holclajtner–Antunović I., Vibrational study of interaction between 12–tungstophosphoric acid and microporous/mesoporous supports, <i>Vib. Spectrosc.</i> , 92, 151 – 161, 2017	1.740	$(1+1.74) \times (1/4)$	0.685
53.	Popa A., Sasca V., Verdes O., A. Oszko, Preparation and catalytic properties of cobalt salts of Keggin type heteropolyacids supported on mesoporous silica, <i>Catal. Today</i> , on-line martie 2017	4.636	$(1+4.636) \times (3/4)$	4.227
	TOTAL			80.183