Anexa 4.14

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

Nr. Crt.	Articol	FI revista	((1 + FI)×(N_{ic}/N_a))	cumulat conform *Web of Science* (Thomson Reuters)
1.	Crisan L., Iliescu S., Funar-Timofei S. Structure-flammability relationship study of phosphoester dimers by MLR and PLS ***Polímeros***, 26(2), 129-136, **2016**	0.474	(1 + 0.474)×(3/3)	1.474
2.	Bora A., Avram S., Ciucanu I., Raica M., Avram S. Predictive models for fast and effective profiling of kinase inhibitors. ***J. Chem. Inf. Model.***, 56(5), 895-905, **2016**	3.657	(1+3.657)x(2/5)	1.863
3.	Udrescu, L., Sbârcea, L., Topîrceanu, A., Iovanovici, A., Kurunczi, L., Bogdan, P., Udrescu, M., Clustering drug-drug interaction networks with energy model layouts: community analysis and drug repurposing, ***Scientific Reports***, 6: art. no 32745 (10 pagini), **2016** DOI: 10.1038/srep32745	5.228	(1+5.228)x(1/ 7)	0.890
4.	Ilia G., Iliescu S., Popa A., Visa A., Maranescu B., Simulescu V., Pekař M., Badea V. Polyalkylene-H-phosphonates obtained by direct esterification and oxidation from hypophosphorus acid and ethylene glycol ***J. Macromol. Sci., Part A: Pure and Appl. Chem.***, 53(1), 49-54, **2016**	0.809	(1 + 0.809)×(6/8)	1.356
5.	Simulescu V., Ilia G., Crasmareanu E. Synthesis of organic compounds containing phosphorus by using ultrasounds ***Mini-Rev. Org. Chem***,, 13(4), 289-298, **2016**	1.394	(1 + 1.394)×(3/3)	2.394
6.	Crasmareanu E., Mak C.A., Gheonea R., Simulescu V., Ilia G. New magnetic phosphonate organic-inorganic hybrid materials ***Rev. Chim. (Bucharest),*** 8, 1542-1546, **2016**	0.956	(1 + 0.956)×(3/5)	1.174
7.	Petrescu A-M., Ilia G., Molecular docking study to evaluate the carcinogenic potential and mammalian toxicity ofthiophosphonate pesticides by cluster and discriminant analysis ***Environ. Tox. Pharm.,*** 47, 62–78, **2016**	2.187	(1+2.187)x(1/2)	1.593
8.	Simulescu V., Kalina M., Mondek J., Pekař M.	4.219	(1 + 4.219)×(1/4)	1.304

	Long-term degradation study of hyaluronic acid in aqueous solutions without protection against microorganisms. ***Carbohydr. Polym.***, 137, 664-668, **2016**			
9.	Negrea P., Popa A., Lupa L., Voda R. Thallium removal through adsorption onto ionic liquid impregnated solid support: influence of the impregnation conditions ***Int. J. Environ. Sci. Technol.***, 13, 1873–1882, **2016**	2.344	(1+2.344)x(1/4)	0.836
10.	Gabor A., Davidescu C.M., Popa A., Negrea A., Ciopec M., Motoc M., Lupa L., Buzatu A.R., Negrea P. Equilibrium Studies for Crown Ether Impregnated Solid Support Used in the Removal Process of Nd(III), La(III), Sr(II), Tl(I), Eu(III) ***Rev.Chim. (Bucharest)***, 67(3), 580-583, **2016**	0.956	(1+0.956)x(1/9)	0.217
11.	Macarie L., Plesu N., Iliescu S., Ilia G., Tara-Lunga-Mihali M. UV light copolymerization of dimethyl vinylphosphonate with bisphenol A ethoxylate dimethacrylate. ***Iran. Polym. J***. 25(5), 437-442, **2016**	1.684	(1+1.684)x(5/5)	2.684
12.	Murariu, A.C., Plesu, N. Investigations on Corrosion Behaviour of Welded Joint in ASTM A355P5 Alloy Steel Pipe. ***Int. J. Electrochem. Sci.*** 10(12), 10832-10846, **2015 (neraportata in 2015)**	1.692	(1+1.692)x((1/2)	1.346
13.	Lupa L., Popa A., Vodă R., Negrea P., Ciopec M., Vasile A. Strontium adsorption on ionic liquid impregnated Florisil: Fixed-bed column studies ***Separ. Sci. Technol***. 51(15-16), 2554-2564, **2016**	1.083	(1+1.083)x(1/6)	0.345
14.	Maranescu B., Lupa L.,Visa A. Synthesis, characterizations and Pb(II) sorption properties of cobalt phosphonate materials, ***Pure. Appl. Chem.,*** ISSN (Online) 1365-3075, ISSN (Print) 0033-4545, DOI: 10.1515/pac-2016-0709, October **2016**	2.615	(1+2.615)x(2/3)	2.407
15.	Muntean S.G., Szabadai Z., Halip L. Investigation of aggregation behavior using computational methods and absorption spectra for trisazo direct dyes, ***Struct. Chem.*** 27: 1049–1059, **2016**	1.854	(1 + 1.854)×(2/3)	1.903
16.	Păcurariu C., Paşka O., Ianoş R., Muntean S.G. Effective removal of methylene blue from aqueous solution using a new magnetic iron oxide nanosorbent prepared by combustion synthesis ***Clean Technol. Envir. Pol.***, 18: 705–715, **2016**	1.934	(1 + 1.934)×(2/4)	1.467
17.	Sebarchievici I., Tăranu B.O., Birdeanu M., Rus S.F., Făgădar-Cosma E. Electrocatalytic behavior and application of manganese porphyrin/gold nanoparticle- surface modified glassy carbon electrodes,	3.150	(1 + 3.150)×(2/5)	1.66

	Appl. Surf. Sci., 390, 131–140, **2016**			
18.	Fagadar-Cosma E., Sebarchievici I., Lascu A., Creanga I., Palade A., Birdeanu M., Taranu B., Fagadar-Cosma G. Optical and electrochemical behavior of new nano-sized complexes based on gold-colloid and Co-porphyrin derivative in the presence of H2O2, ***J. Alloys Compds,*** 686, 896-904, **2016**	3.014	(1 +3.014)×(5/8)	2.508
19.	Birdeanu M., Vaida M., Fagadar-Cosma E. The Optical Properties of Crystalline $Zn_3Nb_2O_8$ Nanomaterials Obtained by Hydrothermal Method ***J. Chem***., http://dx.doi.org/10.1155/2015/752089, **2015**	0.772	(1 + 0.772)×(1/3)	0.591
20.	Ţăranu B., Vlascici D., Sebarchievici I., Făgădar-Cosma E. The aggregation behavior of an A_3B free base porphyrin and its application as chromium(III)-selective membrane sensor ***Studia UBB Chemia***, LXI(1): 199-212, **2016**	0.191	(1 + 0.191)×(2/4)	0.595
21.	Fagadar-Cosma E., Lascu A., Palade A., Creanga I., Fagadar-Cosma G., Birdeanu M. Hybrid material based on 5-(4-pyridyl)-10,15,20-tris(4-phenoxyphenyl)-porphyrin and gold colloid for CO2 detection ***Dig. J. Nanomat. Bios***., 11(2): 419-424, **2016**	0.945	(1 + 0.945)×(5/6)	1.621
22.	Ţăranu B., Sebarchievici I., Taranu I., Birdeanu M., Făgădar-Cosma E. Electrochemical and Microscopic Characterization of Two meso-Substituted A_3B and A_4 Porphyrins ***Rev.Chim***., 67(5): 892-896, **2016**	0.956	(1 + 0.956)×(2/5)	0.782
23.	Yen M.-H., Chaiprapa J., Zeng X., Liu Y., Cseh L., Mehl G. H., Ungar G. Added alkane allows thermal Thinning of Supramolecular Columns by Forming Superlattice - An X-ray and Neutron Study ***J. Amer. Chem. Soc***. *138*(18), 5757-5760, **2016**	13.038	(1+13.038)x(1/7)	2.005
24.	Simu G. M., Coricovac D., Cseh L., Soica C., Borcan F., Ionescu D., Andoni M., Dragos D., Dehelean C. Assessment of skin injuries induced by organic and inorganic phases of the Cosorb process by means of non-invasives techniques ***Rev. Chim. (Bucharest)*** *67*(2), 291-296, **2016**	0.956	(1+0.956)x(1/9)	0.217
25.	Cseh L., Mehl G.H. Synthesis and characterization of gold nanoparticles functionalized with calamitic mesogens ***Rev. Roum. Chim.*** *61*(2), 133-138, **2016**	0.25	(1+0.25)x(1/2)	0.625
26.	Corici L., Ferrario V., Pellis A., Ebert C., Lotteria S., Cantone S., Voinovich D., Gardossi L. Large scale applications of immobilized enzymes call for sustainable and inexpensive solutions: rice husks as renewable alternatives to fossil-based organic resins ***RSC Advances*** *6*(68), 63256-63270, **2016**	3.289	(1+3.289)x(1/8)	0.536
27.	Păuşescu I., Medeleanu M., Pop R.O., Simon Z.,	0.25	(1+0.25)x(2/5)	0.500

	Costişor O. A DFT study on 2-(2-hydroxy-benzylidene)-cyclohexanone ***Rev. Roum. Chim.* 2016**, *accepted*.			
28.	Oliviero Rossi C., Caputo P., Baldino N., Szerb E. I., Teltayev B. Quantitative evaluation of organosilicon-based adhesion promoter effect on bitumen-aggregate bond by angle contact test ***Int. J. Adhes. Adhes*. 2016**, DOI: 10.1016/j.ijadhadh.2016.10.015	1.956	(1+1.956)/(1/5)	0.591
29.	Szerb E. I., Nicotera I., Teltayev B., Vaiana R., Oliviero Rossi C. Highly stable surfactant-crumb rubber modified bitumen: NMR and Rheological investigation ***Road Mater. Pavement*, 2016**, *accepted*	1.547	(1+1.547)x(1/5)	0.509
30.	Oliviero Rossi C., Cretu C., Ricciardi L., Candreva A., La Deda M., Aiello I., Ghedini M., Szerb E. I. Rheological and photophysical investigations of chromonic-like supramolecular mesophases formed by luminescent Iridium(III) ionic complexes in water ***Liq. Cryst.* 2016**, DOI: 10.1080/02678292.2016.1254294	2.244	(1+2.244)x(2/8)	0.811
31.	Putz A.M., Len A., Ianăşi C., Savii C., Almásy L. Ultrasonic preparation of mesoporous silica using pyridinium ionic liquid ***Korean J. Chem. Eng*.** *33*(3), 749-754, **2016**	1.408	(1 + 1.408)×(3/5)	1.445
32.	Putz M.V., Duda-Seiman C., Duda-Seiman D., Putz A.M , Alexandrescu I., Mernea M., Avram S. Chemical Structure-Biological Activity Models for Pharmacophores' 3D-Interactions ***Int. J. Mol. Sci.*** *17* (7) ,1087, **2016**	3.257	(1+3.257)x(1/7)	0.608
33.	Kiss M. L., Chirita M., Ieta A., Sacarescu L. , Savii C. Top-down synthesis of mesocrystalline α-Fe2O3 submillimeter-sized rhombohedrons ***Particul. Sci. Technol*.** *34*(5), 571-579, **2016**	0.79	(1+0.79)x(1/5)	0.358
34.	Gabor A.E., Davidescu C.M., Negrea A., Ciopec M., Butnariu M., Ianasi C., Muntean C., Negrea P. Lanthanum Separation from Aqueous Solutions Using Magnesium Silicate Functionalized with Tetrabutylammonium Dihydrogen Phosphate ***J. Chem. Eng. Data*** *61*(1), 535-542, **2016**	1.835	(1+1.835)x(1/8)	0.354
35.	Motoc S., Manea F., Iacob A., Martinez-Joaristi A., Gascon J., Pop A., Schoonman J. Electrochemical Selective and Simultaneous Detection of Diclofenac and Ibuprofen in Aqueous Solution Using HKUST-1 Metal-Organic Framework-Carbon Nanofiber Composite Electrode ***Sensors*** *16*(10), 1719**, 2016**	2.437	(1+2.437)x(1/7)	0.491
36.	Sasca V. Z., Verdes O., Popa A. The estimation of thermal endurance for some heteropoly acidic catalysts from thermogravimetric	1.781	(1+1.781)x(3/3)	2.781

	decomposition data ***J. Therm. Anal. Calorim.*** in press **2016**, on line 27 April 2016, DOI: 10.1007/s10973-016-5479-6			
37.	Popa A., Sasca V. The influence of surface coverage on the catalytic activity of silica-supported heteropolyacids. ***React. Kinet. Mech. Catal.*** *117*(1), 205-221, **2016**	1.265	(1+1.265)x(2/2)	2.265
38.	Popa A., Sasca V., Bajuk-Bogdanovic D., Holclajtner-Antunovic I. Acidic nickel salts of Keggin type heteropolyacids supported on SBA-15 mesoporous silica. ***J. Porous. Mater***. *23*(1), 211-223, **2016**	1.385	(1+1.385)x(2/4)	1.193
39.	Bajuk-Bogdanović D., Uskoković-Marković S., Hercigonja R., Popa A., Holclajtner-Antunović I. Study of the decomposition pathway of 12 molybdophosphoric acid in aqueous solutions by micro Raman spectroscopy ***Spectrochim. Acta A*** *153*, 152-159, **2016**	2.653	(1+2.653)x(1/5)	0.731
40.	Niculescu M, Sasca V, Muntean C, Milea MS, Roşu D, Pascariu MC, Şişu E, Ursoiu I, Pode V, Budrugeac P, Thermal behavior studies of the homopolynuclear coordination compound iron(III) polyoxalate, ***Thermochim. Acta*** *623*, 36-42, **2016**	2.341	(1+2.341)x(1/10)	0.341
41.	Sasca V. Z., Popa A., Verdes O. Quantitative measurement of Brönsted acidity by TPD of ammonia on $H_3[PMo_{12}O_{40}]$ and its Cs1 salt, in bulk and supported on SBA-15. ***J. Therm. Anal. Calorim***. *123*(1), 557-569, **2016**	1.781	(1+1.781)x(3/3)	2.781
42.	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**,** ***J. Therm. Anal. Calorim.*** in press **2016,** on line 25 May 2016, DOI: 10.1007/s10973-016-5534-3	1.781	(1+1.781)x(4/5)	2.225
43.	Popa A., Sasca V., Bajuk-Bogdanovic D., Holclajtner-Antunovic I., Synthesis, characterization and thermal stability of cobalt salts of Keggin type heteropolyacids supported on mesoporous silica, ***J. Therm. Anal. Calorim.*** in press **2016** on line 30 June 2016**,** DOI: 10.1007/s10973-016-5650-0	1.781	(1+1.781)x(2/4)	1.391
44.	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 ***Mater. Chem. Phys***., in press **2016**	2.101	(1+2.101)x(1/9)	0.345
45.	Avram, S., Avram, St., Dehelean, C. Effective Predictor of Human Mast Cell Tryptase Inhibitors. ***Rev. Chim. (Bucharest, Rom.).***, 67(1), 119-122, **2016**	0.956	(1+0.956)x(1/3)	0.652
46.	Avram, St., Danciu, C., Pavel, I.Z., Ceausu, R.A.,	0.956	(1+0.956)x(1/7)	0.279

	Avram, S., Dehelean, C., Raica, M. Polyphenols, Antioxidant Activity and Anti-angiogenic Potential of Red and White Grapes. ***Rev. Chim. (Bucharest, Rom.).***, 67(2), 382-385, **2016**			
	TOTAL	**94.152**		**55.044**

Pentru fiecare articol se va lua în calcul factorul de impact (FI) al revistei, numărul total de autori (N_a), numărul de autori din institutul/centrul evaluat (N_{ic}). Factorul de impact este publicat anual de *Web of Knowledge, Journal Citation Report* (Thomson Reuters), iar pentru calcul se va utiliza valoarea corespunzătoare anului apariţiei articolului.