Anexa 4.14

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

Nr. Crt.	Articol	$((1 + FI)\times(N_{ic}/N_a))$	Factor de impact cumulat conform *Web of Science* (Thomson Reuters)
1.	Funar-Timofei S., Iliescu S., Suzuki T. Correlations of limiting oxygen index with structural polyphosphoester features by QSPR approaches. ***Struct. Chem.*****,** 25, 1847–1863, **2014**	(1 + 1.837)×(2/3)	1.891
2.	Funar-Timofei S., Kurunczi L. Reply to "Quantitative structure–affinity relationship study of azo dyes for cellulose fibers by multiple linear regression and artificial neural network". ***Dyes Pigments,*** 113, 325-326, **2015**	(1 + 3.966)×(2/2)	4.966
3.	Crisan L., Iliescu S., Funar-Timofei S. The investigation of structure-flammability relationships of polyphosphonates by PLS analysis. ***Rev. Roum. Chim.*****,** 60(2-3), 189-195, **2015**	(1 + 0.311)×(3/3)	1.311
4.	Fan P., Maximov P.Y., Curpăn R.F., Abderrahman B., Jordan V.C. The molecular, cellular and clinical consequences of targeting the estrogen receptor following estrogen deprivation therapy. ***Mol. Cell. Endocrinol.***, **2015**, DOI: 10.1016/j.mce.2015.06.004	(1+4.405)×(1/5)	1.081
5.	Jordan V.C., Curpăn R., Maximov P.Y. Estrogen receptor mutations found in breast cancer metastases integrated with the molecular pharmacology of selective ER modulators. ***JNCI-J. Natl. Cancer Inst.***, 107(6), djv075, **2015**	(1+12.583)×(1/3)	4.528
6.	Curpăn R., Halip L., Borota A., Mracec M., Mracec M. Modeling of dexmedetomidine conformers and their interactions with alpha2 adrenergic receptor subtypes ***Structural Chemistry***, **2015**, DOI:10.1007/s11224-015-0645-1	(1 + 1.84)×(5/5)	2.840
7.	Bologa C.G., Ursu O., Halip L, Curpăn R., Oprea T.I. Chemical and biological descriptor integration improves computational modeling of in vivo rat toxicity ***Rev. Roum. Chim***., 60(2-3), 219-226, **2015**	(1+0.311)(2/5)	0.524
8.	Halip L., Curpăn R., Borota A., Bora A Insight the binding site of human melatonin MTR1A receptor ***Rev. Roum. Chim.***, 60(2-3), 213-218, **2015**	(1+0.311)(4/4)	1.311
9.	Borota A., Bora A., Halip L., CurpanR., Mracec M.,	(1+0.311)(6/6)	1.311

	Mracec M. 3D homology model of the human prostanoid receptor hEP3 and docking studies ***Rev. Roum. Chim.***, 60(2-3), 161-166, **2015**		
10.	Gruia A., Curpăn R., Borota A., Halip L., Mracec M., Mracec M. Phenyl and imidazole ring rotation in neutral and protonated dexmedetomidine. A semiempirical and ab intio study. ***Rev. Roum. Chim***., 59(6-7), 605-612, **2014**.	(1+0.311)(5/6)	1.090
11.	Bora A., Avram S., Crisan L., Halip L., Curpan R., Pacureanu L., Ciucanu I. Theoretical investigations of quercetin and its analogues as anticancer agents. ***Rev.Roum.Chim***., 60(2-3), 175-181, **2015.**	(1 + 0.311)×(6/7)	1.124
12.	Crisan L., Avram S., Bora A., Kurunczi L., Pacureanu L. 3D-QSAR Study of Maleimide Analogues as Glycogen Synthase Kinase-3 (GSK-3) Inhibitors Using Comsia Approach. ***Rev. Roum. Chim***., 60(2-3), 183-188, **2015**.	(1 + 0.311)×(5/5)	1.311
13.	Avram S., Avram S., Crisan L., Pacureanu L., Kurunczi L., Bora A. Self-organizing map classification model for the prediction of MEK1 inhibitors ***Rev.Roum.Chim***., 60(2-3), 167-173, **2015**	(1 + 0.311)×(5/6)	1.093
14.	Buiu C., Avram S., Duda-Seiman D., Milac A.L., Duda-Seiman C., Pacureanu L., Borcan F. More Effective DPP4 Inhibitors as Antidiabetics Based on Sitagliptin Applied QSAR and Clinical Methods ***Curr. Comput. Aided Drug Des***., 10(3), 237-249, **2014**.	(1+1.268)x(1/7)	0.324
15.	Sbarcea L., Ledeti I., Dragan L., Kurunczi L., Fulias A., Udrescu L. Fosinopril sodium-hydroxypropyl-beta-cyclodextrin inclusion complex ***J. Therm. Anal. Calorim***., 120(1), 981–990, **2015**	(1+2.042)x(1/6)	0.507
16.	Udrescu L., Sbarcea L., Fulias A., Ledeti I., Vlase T., Barvinschi P., Kurunczi L. Physicochemical characterization of zofenopril inclusion complex with 2-hydroxypropyl-β-cyclodextrin ***J. Serb. Chem. Soc***., 80(4), 485-497, **2015**	(1+0.871)x(1/7)	0.267
17.	Udrescu L., Fulias A., Ledeti I., Vlase G., Barvinschi P., Kurunczi L., Sbarcea L. Host - guest system of zofenopril and randomly methylated beta - cyclodextrin Preparation, characterization and solubility ***Rev. Chim. (Bucharest)***, 66(1), 17-20, **2015**	(1+0.810)x(1/7)	0.259
18.	Maranescu B., Visa A., Maranescu V. Co–Vinyl Phosphonate Electrical Properties ***Phosphorus Sulfur*** 190(5-6), 902-904, **2015**	((1+0.561)x(2/3))	1.040
19.	Visa A., Maranescu B., Bucur A.	((1+0.561)x(2/3))	1.040

	Spectroscopic Properties of New Cerium Metal–Organic Framework Based on Phosphonate Ligands with Vinyl Functional Group ***Phosphorus Sulfur*** 190(5-6), 959-960, **2015**		
20.	Ilia G., Petric M., Bálint E., Keglevich G. Synthesis of the mixed alkyl esters of phenylphosphonic acid by two variations of the Atherton-Todd protocol. ***Heteroatom Chem.*****,** 26(1), 30-34, **2015**	(1+1.076)x(2/4)	1.038
21.	Petrescu A-M., Putz M.V., Ilia G. Quantitative Structure- Activity/EcoToxicity Relationships(QSAR/QEcoSAR) of a series of phosphonates ***Environ. Toxicol. Pharmacol.*****,** 40(3), 800-824, **2015**	(1+2.08)x(1/3)	1.027
22.	Simulescu, V., Mondek, J., Kalina, M., Pekař, M. Kinetics of long-term degradation of different molar mass hyaluronan solutions studied by SEC-MALLS ***Polym. Degrad. Stability***, **2015**, *111*, 257-262.	(1+3.163)x(1/4)	1.040
23.	Mondek, J., Simulescu, V., Kalina, M., Pekař, M. Thermal degradation of high molar mass hyaluronan in solution and in powder; comparison with BSA ***Polym. Degrad. Stability***, **2015**, *120*, 107-113.	(1+3.163)x(1/4)	1.040
24.	Petric M., Crisan M., Chimakov Y., Varga R., Micle A. Neda I., Ilia G., Structural and *Ab Initio* Studies on the Polymorphism of Iminophosphorane (CH3C6H4)3P=NP[(=O)(OPh)2] ***J. Mol. Struct***., 1083, 389-397, **2015**	(1+1.602)x(3/7)	1.115
25.	Petric M., Crisan M., Crisan L., Ilia G. Synthesis and theoretical study on some new phosphoramidates ***Rev. Roum. Chim***., 60(2-3), 197-203, **2015**	(1+0.311)x(4/4)	1.311
26.	Ilia, G., Simulescu, V., Mak, C.A., Crasmareanu, E. The Use of Transesterification Method for Obtaining Phosphorus-Containing Polymers. ***Adv. Polym. Technol.,*** **2014**, *33 (S1)*, 21437	(1+1.045)x(3/4)	1.534
27.	Popa A., Ene R., Visinescu D., Dragan E. S., Ilia G., Iliescu S., Parvulescu V. Transitional metals immobilized by coordination on aminophosphonate functionalized copolymers and their catalytic properties ***J. Mol. Catal. A: Chem.***, 408, 262–270, **2015**	(1+3.615)x(3/7)	1.978
28.	Ciopec M., Popa A., Negrea A., Lupa L., Negrea P., Vodă R., Davidescu C.-M., G. Ilia Comparative characteristics of some polymeric materials impregnated with ionic liquid for the removal of radionuclides ***Environ. Eng. Manage. J.***, 14(6), 1287-1294, **2015**	(1+1.065)x(3/7)	0.885
29.	Negrea A., Ciopec M., Negrea P., Lupa L., Popa A., Davidescu C. M., Ilia G. Separation of AsV from aqueous solutions using chelating polymers containing FeIII -loaded phosphorus groups	(1+1.329)x(2/7)	0.665

	Open Chem., 13(1), 105–112, **2015**		
30.	Buruiana L., Avram E., Popa A., Ioan S. Impact of some properties of quaternized polysulfone/poly(vinylidene fluoride) blend on the potential biomedical applications ***Polym. Plast. Technol. Eng.***, 54(7), 671-681, **2015**	(1+1.480)x(1/4)	0.620
31.	Nichita I., Popa A., Dragan E.S., Iliescu S., Ilia G. Grafted-hydroxyphosphonic acids onto polymeric supports: Preparation, characterization, and antimicrobial effect ***J Biomat Sci-Polym E,*** 26(8), 483-496, **2015**	(1+1.648)x(3/5)	1.588
32.	Kellenberger A., Ambros D. Plesu N. Scan Rate Dependent Morphology of Polyaniline Films Electrochemically Deposited on Nickel ***Int. J. Electrochem. Sci.***, 9(12) , 6821-6833, **2014**	(1+1.500)x(1/3)	0.833
33.	Tara-Lunga-Mihali M., Plesu N., Kellenberger A., Ilia G. Adsorbtion of an Azo Dye on Polyaniline/ Niobium Substrate ***Int. J. Electrochem. Sci.****, 10(9),* 7643–7659, **2015**	(1+1.500)x(3/4)	1.875
34.	Maranescu B., Visa A., Ilia G. The influence of pH on the cobalt-2-phenyl-vinyl phosphonate properties ***Phosphorus Sulfur,*** 189, 1004-1012, **2014**	(1+0.561)x(3/3)	1.561
35.	Paska O., Pacurariu C., Muntean S.G. Kinetic and thermodynamic studies on Methylene Blue biosorption using corn-husk, ***RSC Adv***., 4, 62621-62630, **2014**	(1 + 3.708)×(1/3)	1.569
36.	Sanislav A., Fogorasi M., Stanescu M.D., Muntean S., Dochia M. Ultrasound Effect on Dyeing Wool Fibers with Two Anthraquinone Dyes. ***Fibers Polym.***, 16(1), 62-66, **2015**	(1 + 0.881)×(1/5)	0.376
37.	Pacurariu C., Paska O., Ianos 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.***, **2015** DOI: 10.1007/s10098-015-1041-7; CTEP-D-15-00301R1	(1 + 1.934)×(1/4)	0.734
38.	Fagadar-Cosma E., Vlascici D., Fagadar-Cosma G., Palade A., Lascu A., Creanga I., Birdeanu M., Cristescu R., Cernica I. A Sensitive A3B Porphyrin Nanomaterial for CO2 Detection ***Molecules***, 19, 21239-21252, **2014**	(1 + 2.416)×(6/9)	2.277
39.	Creanga I., Palade A., Lascu A., Birdeanu M., Fagadar-Cosma G., Fagadar-Cosma E., Manganese(III) Porphyrin Sensitive to H2O2 Detection, ***Dig. J. Nanomat. Bios.***, 10(1), 315–321, **2015**	(1 + 0.945)×(5/6)	1.620
40.	Palade A., Lascu A., Creanga I., Fagadar-Cosma G., Birdeanu M., Fagadar-Cosma E.	(1 + 0.945)×(5/6)	1.620

	Triphenylphosphine Oxide Detection in Traces Using Mn(III)-5,10,15,20-Tetratolyl-21H,23H Porphyrin Chloride ***Dig. J. Nanomat. Bios.***, 10(3), 729–735, **2015**		
41.	Birdeanu M., Fagadar-Cosma G., Sebarchievici I., Birdeanu A.V., Taranu B., Taranu I., Fagadar-Cosma E. Zn(Ta1–xNbx)2O6 Nanomaterials. Synthesis, characterization and corrosion behavior ***J. Serb. Chem. Soc.***, **2015**, *DOI 10.2298/JSC150708073B*	(1 + 0.871)×(1/7)	0.267
42.	Birdeanu M., Sebarchievici I., Birdeanu A.V., Taranu B., Peter F., Fagadar-Cosma E. Synthesis, characterization and potential application of Zn3(Ta1-xNbx)2O8 oxides ***Dig. J. Nanomat. Bios.***, 10(2), 543 – 555, **2015**	(1 + 0.945)×(1/5)	0.389
43.	Popa I., Fagadar-Cosma E., Taranu B.O., Birdeanu M., Fagadar-Cosma G.R., Taranu I. Corrosion protection efficiency of bilayer porphyrin-polyaniline film deposited on carbon steel, ***Macromol. Symp.*** (Wiley), 352, 16-24, **2015**	(1 + 0.913)×(1/6)	0.318
44.	Lascu A., Palade A., Fagadar-Cosma G., Creanga I., Ianasi C., Sebarchievici I., Birdeanu M., Fagadar-Cosma E. Mesoporous manganese-porphyrin–silica hybrid nanomaterial sensitive to H_2O_2 fluorescent detection ***Mater. Res. Bull.,*** 74, 325–332, **2016** *DOI information:10.1016/j.materresbull.***2015***.10.032*	(1 +2.288)×(6/8)	2.466
45.	Fagadar-Cosma E., Tarabukina E., Zakharova N., Birdeanu M., Taranu B., Palade A., Creanga I., Lascu A., Fagadar-Cosma G. Hybrids formed between polyvinylpyrrolidone and an A3B porphyrin dye: behavior in aqueous solutions and chemical response to CO_2 presence ***Polym. Int***. NOV **2015** | DOI: 10.1002/pi.5047	(1+2.409))×(5/9)	1.894
46.	Cretu C., Tudose R., Cseh L., Linert W., Halevas E., Hatzidimitriou A., Costisor O., Salifoglou A. Schiff base coordination flexibility toward binary cobalt and ternary zinc complex assemblies. The case of the hexadentate ligand N,N'-bis[(2-hydroxybenzilidene amino)-propyl]-piperazine ***Polyhedron***, 85, 48–59, **2015**	(1 + 2.047)×(4/8)	1.523
47.	Cretu C., Cseh L., Tang B.J., Sasca V., Badea V., Szerb E.I., Mehl G., Shova S., Costisor O. Mononuclear Cu(II) complexes of novel salicylidene Schiff bases: synthesis and mesogenic properties ***Liq. Cryst.,*** 42(8), 1139 – 1147, **2015**	(1 + 2.486)×(5/9)	1.936
48.	Păuşescu I., Medeleanu M., Ştefănescu M., Peter F., Pop R., A DFT Study on the Stability and Aromaticity of Heterobenzenes Containing Group 15 Elements	(1 + 1.076)×(1/5)	0.415

	Heteroat. Chem., 26(3), 206-214, **2015**		
49.	Corici L., Pellis A., Ferrario V., Ebert C., Cantone S., Gardossi L. Understanding Potentials and Restrictions of Solvent-Free Enzymatic Polycondensation of Itaconic Acid: An Experimental and Computational Analysis. ***Adv. Synth. Catal.***, 357(8), 1763-1774, **2015**	(1 + 5.663)×(1/6)	1.110
50.	Erko F.G., Cseh L., Berthet J., Mehl G.H., Delbaere S. Synthesis and photochromic properties of a bis(diarylethene)-naphthopyran hybrid. ***Dyes Pigments***, 115, 102-109, **2015**	(1+ 3.966)x(1/4)	1.242
51.	Pellis A., Corici L., Sinigoi L., D'Amelio N., Fattor D., Ferrario V., Ebert C., Gardossi L. Towards feasible and scalable solvent-free enzymatic polycondensations: integrating robust biocatalysts with thin film reactions. ***Green Chem.,*** 17(3), 1756-1766, **2015**	(1 + 8.02)×(1/8)	1.128
52.	Cseh L., Mang X., Zeng X., Liu F., Mehl G.H., Ungar G., Siligardi G. Helically twisted chiral arrays of gold nanoparticles coated with a cholesterol mesogen ***J. Am. Chem. Soc.***, 137(40), 12736−12739, **2015**	(1+ 12.113)x(1/7)	1.873
53.	Mastropietro T. F., La Deda M., Godbert N., Ricciardi L., Szerb E. I., Ghedini M., Aiello I. Photophysical and Structural Properties of Pyridylpyrroles-based Ir(III) Luminophores: Role of the Substituents. ***J. Organomet. Chem***., 786, 55-62, **2015**	(1+2.109)x(1/7)	0.444
54.	Putz A.M., Savii C., Ianăşi C., Dudás Z., Székely K.N., Plocek J., Sfârloagă P., Săcărescu L., Almásy L. Pore ordering in mesoporous matrices induced by different directing agents ***J. Porous Mater***., 22(2), 321-331, **2015**	(1 + 1.108)×(4/9)	0.937
55.	Putz A.M., Horváth Z.E., Gonter K., Almásy L. One-pot synthesis and characterization of nano-size silver chloride ***Digest J. Nanomater. Bios.***, 10 (1), 89-94, **2015**	(1 + 0.945)×(1/4)	0.486
56.	Kiss M.L., Chirita M., Banica R., Ieta A., Savii C., Grozescu I. Transition from single crystalline $FeCO_3$ to layered and ordered nanostructured α-Fe_2O_3 ***Mater. Lett.,*** 158, 214-217, **2015**	((1 + 2.49)×(1/6))	0.581
57.	Kiss M.L., Chirita M., Ieta A., Sacarescu L., Savii C. Top down Synthesis of Mesocrystalline α -Fe_2O_3 Submillimeter Sized Rhombohedrons ***Particul.Sci.Technol.*** **2015** http://dx.doi.org/10.1080/02726351.2015.1090508	((1 + 0.523)×(1/5))	0.305
58.	Sfirloaga P., Miron I., Malaescu I., Marin C.N., Ianăşi C., Vlazan P. Structural and physical properties of undoped and Ag-doped $NaTaO_3$ synthesized at low temperature	(1+1.955)x(1/6)	0.493

	Mat. Sci. Semicon. Proc., 39, 721–725, **2015**		
59.	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.***, **2015**, DOI 10.1007/s10973-015-4896-2	(1+2.042)x(3/3)	3.042
60.	Holclajtner-Antunovic I., Bajuk-Bogdanovic D., Popa A., Sasca V., Nedić Vasiljević B., Rakić A., Uskoković-Marković S. Preparation, characterization and catalytic activity of mesoporous $Ag_2HPW_{12}O_{40}$/SBA-15 and $Ag_2HPW_{12}O_{40}/TiO_2$ composites ***Mater. Chem. Phys.***, 160, 359-368, **2015**	(1+2.259)x(2/7)	0.931
61.	Popa A., Sasca V.,Verdes O., Holclajtner-Antunovic I. Adsorption-desorption and catalytic properties of SBA-15 supported cesium salts of 12-molybdophosphoric acid for the dehydration of ethanol ***Reac. Kinet. Mech. Cat.*** 115(1), 355-375, **2015**	(1+1.170)x(3/4)	1.628
62.	Bîrzescu M., Milea M., Roşu D., Ledeți I., Rafailă M., Sasca V., Niculescu M., Synthesis and thermal analysis of the nickel(II) oxalate obtained through the reaction of ethylene glycol with $Ni(NO_3)_2$ $6H_2O$. ***Rev. Roum. Chim***., 59(6-7), 555-563, **2014**	(1+0.311)x(1/7)	0.187
63.	Roşu D., Bîrzescu M., Milea M. S., Pascariu M. C., Sasca V., Niculescu M. Synthesis - structure relationship in the aqueous ethylene glycol - iron(III) nitrate system, ***Rev. Roum. Chim***., 59(9), 789-796, **2014**	(1+0.311)x(1/6)	0.219
64.	Holclajtner-Antunović I., Bajuk-Bogdanović D., Popa A., Nedić Vasiljević B., Krstić J., Mentus S., Uskoković-Marković S. Structural, morphological and catalytic characterization of neutral Ag salt of 12-tungstophosphoric acid: Influence of preparation conditions. ***Appl. Surf. Sci.***, 328, 466-474, **2015**	(1+2.711)x(1/7)	0.530
65.	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**	(1+2.353)x(1/5)	0.671
66.	Popa A., Sasca V. The influence of surface coverage on the catalytic activity of silica-supported heteropolyacids. ***React. Kinet., Mech. Catal.,*** in press, First online: 18 August **2015**, 17p, **DOI:** 10.1007/s11144-015-0924-2	(1+1.17)x(2/2)	2.170
67.	Popa A., Sasca V., Bajuk-Bogdanovic D., Holclajtner-Antunovic I. Acidic nickel salts of Keggin type heteropolyacids	(1+1.108)x(2/4)	1.054

	supported on SBA-15 mesoporous silica. ***J Porous Mater***, in press, First online: 22 September **2015**, pag 1-13, DOI 10.1007/s10934-015-0072-0		
68.	Niculescu M., Sasca V., Muntean C., Milea M.-S., Rosu D., Pascariu M.-C., Sisu E., Ursoiu I., Pode V., Budrugeac P. Thermal behavior studies of the homopolynuclear coordination compound iron(III) polyoxalate. ***Thermochim. Acta,*** **2015**, http://dx.doi.org/10.1016/j.tca.2015.11.008	(1+2.184)x(1/10)	0.318
	PUNCTAJ TOTAL		**82.681**