

Anexa 4.14

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

Nr. Crt.	Articol	$((1 + FI) \times (N_{ic}/N_a))$	Factor de impact cumulat conform <i>Web of Science</i> (Thomson Reuters)
1. 1	S.A. Chicu, M. Munteanu, I. Cîtu, C. Șoica, C. Dehelean, C. Trandafirescu, S. Funar-Timofei, D. Ionescu, G.M.Simu The Hydractinia echinata Test-System. III: Structure-Toxicity Relationship Study of Some Azo-, Azo-Anilide, and Diazonium Salt Derivatives <i>Molecules</i> , 19(7), 9798-9817, 2014	$(1+2.428) \times (1/9)$	0.381
2. 2	S. Avram, S. Funar-Timofei, A. Borota, S. R. Chennamaneni, A. K. Manchala, S. Muresan Quantitative estimation of pesticide-likeness for agrochemical discovery <i>J. Cheminformatics</i> , 6(42), 1-11, 2014 (highly accessed)	$(1 + 4.54) \times (3/6)$	2.770
3. 3	P.Y. Maximov, D.J. Fernandes, R.E. McDaniel, C.B. Myers, R.F. Curpăn, V.C. Jordan Influence of the length and positioning of the antiestrogenic side chain of endoxifen and 4-hydroxytamoxifen on gene activation and growth of estrogen receptor positive cancer cells. <i>J. Med. Chem.</i> , 57(11), 4569–4583, 2014	$(1 + 5.614) \times (1/6)$	1.102
4. 4	I. Obiorah, S. Sengupta, R. Curpăn, V.C. Jordan Defining the conformation of the estrogen receptor complex that controls estrogen-induced apoptosis in breast cancer. <i>Mol. Pharmacol.</i> , 85(5), 789-799, 2014	$(1 + 4.411) \times (1/4)$	1.353
5. 5	P.Y. Maximov, R.E. McDaniel, D.J. Fernandes, P. Bhatta, V.R. Korostyshevskiy, R.F. Curpăn, V.C. Jordan Pharmacological Relevance of Endoxifen in a Laboratory Simulation of Breast Cancer in Postmenopausal Patients <i>J. Natl. Cancer Inst.</i> , 106(10), dju283, 2014 , DOI: 10.1093/jnci/dju283	$(1 + 15.161) \times (1/7)$	2.309
6. 6	L. Ostopovici-Halip Approaches to G-Protein Coupled Receptors	$(1+0.393) \times (1/1)$	1.393

	Deorphanization: The GPR32 Case Study- Rev.Roum.Chim. , 59(3-4), 201-205, 2014		
7. 7	L. Ostopovici-Halip Template Structure Selection for Homology Modeling of Class A Orphan G-protein Coupled Receptors Rev.Roum.Chim. , 59(3-4), 193-199, 2014	$(1 + 0.393) \times (1/1)$	1.393
8.	A. Chigaev A, Y. Smagley, M.K. Haynes, O. Ursu, C.G. Bologa, L. Halip, T. Oprea, A. Waller, M.B. Carter, Y. Zhang, W. Wang, T. Buranda, L.A. Sklar FRET detection of lymphocyte function-associated antigen-1 conformational extension Mol. Biol. Cell. , mbc.E14-06-1050 2014	$(1 + 4.458) \times (1/13)$	0.419
9. 8	Kufareva, V. Katritch, R.C.Stevens, R. Abagyan, Y. Yoshikawa, T. Furuya, H. Lee, A. Roy, J. Grime, J. Rebehmed, Y. Zhang, L. Roumen, I.J.P. de Esch, R. Leurs, C. de Graaf, Y. Li, T.Hou, M.M. Mysinger, D.R. Weiss, J.J. Irwin, B.K. Shoichet, F.M. McRobb, B. Capuano, I.T. Crosby, D.K. Chalmers, E. Yuriev, Q. Wang, R.H. Mach, D.E. Reichert, G.Y. Chuang, D. Rognan, J. Simms, P. Sexton, D. Wootten, D. Latek, U. Ghoshdastider, S. Filipek, L. Server, A. Kirkpatrick, B. Trzaskowski, A. Griffith., S.K. Kim, A.R. Ravinder, W.A. Goddard III, N. Vaidehi, A. Lam, S. Bhattacharya, H. Li, G. Balaraman, M. Niesen, S. Pal, Y. Vorobjev, N. Bakulina, V. Solovyev, T. Beuming, S. Costanzi, L. Shi, C. Higgs, N. Salam, D. Lupyan, W. Sherman, F. Ding, P. Kota, S. Ramachandran, N.V. Dokholyan, J. Carlsson, R.G. Coleman, H. Fan, A. Schlessinger, A.Sali, I. Tikhonova, I. Pogozheva, A. Lomize, N.E Hall., M. Muddassar, A.N. Pae, J. Lee, L. Lopez, C. Obiol-Pardo, J. Selent, S. Mahboob, T. Werner, W.B. Church, M. Brylinski, T. Ando, A. Guerler, H. Zhou, J. Skolnick, H. Xhaard, W. Jurkowski, A. Elofsson, A.K. Murad, M. Drwal, T.B. Dupree, R. Griffith, L. Ostopovici-Halip, C. Bologa, K.M. Chen, J. Sun, P. Barth, V. Yarov-Yarovoy, D. Baker, B. Vroiling, M.P.A. Sanders, S.B. Nabuurs, G.V. Nikiforovich, D. Rodríguez. Structure Article Advances in GPCR Modeling Evaluated by the GPCR Dock 2013 Assessment: Meeting New Challenges Structure , 22 (8), 1120-1139, 2014 .	$(1 + 6.794) \times (1/107)$	0.073
10. 9	Avram S. I., Pacureanu L. M., Bora A., Crisan L., Avram S., Kurunczi L. ColBioS-FlavRC: A Collection of Bioselective Flavonoids and Related Compounds Filtered from High-Throughput Screening Outcomes. J. Chem. Inf. Model. 54: 2360-2370, 2014	$(1 + 4.068) \times (4/6)$	3.378
11. 10	Fagadar-Cosma E., Vlascici D., Birdeanu M., Fagadar-Cosma G., Novel fluorescent pH sensor based on 5-(4-carboxy-	$(1+2.684) \times (1/4)$	0.921

	phenyl)-10,15,20-tris(phenyl)-porphyrin, <i>Arabian J.Chem.</i> (2014), doi: http://dx.doi.org/10.1016/j.arabjc.2014.10.011		
12.	Popa I., Fagadar-Cosma G., Taranu B.O., Birdeanu A.V., Taranu I., Vlascici D., Birdeanu M., Fagadar-Cosma E. Electrochemical behavior of tetra(4-methoxyphenyl) porphyrin thin films obtained by laser deposition on graphite electrode, <i>Dig. J. Nanomat. Bios.</i> 9(3): 1277-1287, 2014	$(1+1.123) \times (1/8)$	0.265
13.	Fagadar-Cosma E., Dudás Z., Birdeanu M., Almásy L. Hybrid organic – silica nanomaterials based on novel A ₃ B mixed substituted porphyrin Materials Chemistry and Physics, Available online 1 August 2014, <i>Mat. Chem. Phys.</i> 148(1-2): 143-152, 2014 http://dx.doi.org/10.1016/j.matchemphys.2014.07.023	$(1+2.123) \times (2/4)$	0.781
14.	Fagadar-Cosma G., Taranu B.O., Birdeanu M., Popescu M., Fagadar-Cosma E. Influence of 5,10,15,20-tetrakis(4-pyridyl)-21h,23h- porphyrin on the corrosion of steel in aqueous sulfuric acid <i>Dig. J. Nanomat. Bios.</i> 9(2): 551 – 557, 2014	$(1+1.123) \times (1/5)$	0.424
15.	Taranu B.O., Fagadar-Cosma E., Popa I., Plesu N., Taranu I. Adsorbed functionalized porphyrins on polyaniline modified platinum electrodes. Comparative electrochemical properties <i>Dig. J. Nanomat. Bios.</i> 9(2): 667 – 679, 2014	$(1+1.123) \times (2/5)$	0.850
16.	Kerti V., Coricovac D., Duicu O., Dănilă M., Dehelean C., Făgădar-Cosma E., Muntean D., Noveanu L., 5,10,15,20-Tetrakis(N-methyl-4-pyridyl)porphyrin- Zn(II)-tetrachloride Modulates Respiration in Isolated Rat Liver Mitochondria <i>Rev. Chim. Bucharest</i> 65(4): 447-449, 2014.	$(1+0.677) \times (1/8)$	0.210
17.	Baschir L., Fagadar-Cosma E., Creanga I., Palade A., Lascu A., Birdeanu M., Savastru D., Savu V., Antohe S., Velea A., Fagadar-Cosma G., Popescu M., Simandan I.D. UV sensing effect in Langmuir-Blodgett complex films containing a novel synthesized Fe(III) porphyrin <i>Dig. J. Nanomat. Bios.</i>, 9(2): 847 – 857, 2014	$(1+1.123) \times (4/13)$	0.653
18.	Fulias A., Popoiu C., Vlase G., Vlase T., Onetiu D., Savoiu G., Simu G., Patrutescu C., Ilia G., Ledeti I. Thermoanalytical and spectroscopic study on methotrexate – active substance and tablet <i>Dig. J. Nanomat. Bios.</i> 9(1): 93 – 98, 2014	$(1+1.092) \times (1/10)$	0.209
19.	Keglevich G., Bálint E., Tajti Á., Mátravölgyi B., Balogh G.T., Bálint M., Ilia G.	$(1+3.112) \times (1/7)$	0.587

	Microwave-assisted alcoholysis of dialkyl phosphites by ethylene glycol and ethanolamine Pure Appl. Chem. 86(11): 1723-1728, 2014		
20.	Crisan M.E., Bourosh P., Maffei M.E., Forni A., Pieraccini S., Sironi M., Chumakov Y.M. Synthesis, Crystal Structure and Biological Activity of 2-Hydroxyethylammonium Salt of p-Aminobenzoic Acid PLOS ONE 9(7): 2014 , doi: 10.1371/journal.pone.0101892	$(1+3.534) \times (1/7)$	0.648
21.	Muntean S.G., Radulescu-Grad M.E., Sfarloaga P., Dye adsorbed on copolymer, possible specific sorbent for metal ions removal, RSC Adv. 4(52): 27354 - 27362, 2014	$(1+3.708) \times (2/3)$	3.139
22.	Jianu C., Mișcă C., Muntean S.G., Gruia A.T., Composition, antioxidant and antimicrobial activity of the essential oil of Achillea collina Becker growing wild in western Romania, Hemijaska Industrija HI 3846, 2014 , DOI:10.2298/HEMIND140329052J	$(1+0.463) \times (1/4)$	0.365
23.	Simu G.M., Ledeti I.V., Muntean S.G., Fulias A., Citu I.M., Soica C., Onisei D., SavoIU-Balint G., Pinzaru I., Ionescu D., Study of the interaction of some pharmaceutical compounds with different cellulosic supports, Rev. Chim.-Bucharest 65(6): 664-670, 2014	$(1+0.677) \times (1/10)$	0.168
24.	Muntean S., Todea A., Grad M., Popa A., Decontamination of colored wastewater using synthetic sorbents, Pure Appl. Chem. 87(11): 1771-1780, 2014 , DOI 10.1515, ISSN: 1365-3075	$(1+3.112) \times (4/4)$	4.112
25.	Tara-Lunga-Mihali M., Plesu N., Macarie L., Iliescu S., Ilia G. Polyaniline composite designed for solid polymer electrolyte Pure Appl. Chem. , 86(11):1853-1860, 2014 , ISSN: 1365-3075	$(1+3.112) \times (5/5)$	4.112
26.	Iliescu S., Plesu N., Macarie L., Popa A., Visa A., Maranescu B., Ilia G. Polymeric membranes containing phosphorus in the chain for solid polymer electrolytes, Phosphorus Sulfur 189(7-8): 992-1003, 2014	$(1+0.827) \times (7/7)$	1.827
27.	Iliescu S., Ilia G., Popa A., Plesu N., Macarie L., Davidescu C. M. Interfacial polycondensation method used in the synthesis of polymers containing phosphorus in the main chain Pure Appl. Chem. 86(11): 1675–1683, 2014	$(1+3.112) \times (5/6)$	3.427
28.	Davidescu C.-M., Ardelean R., Popa A., Ilia G., Iliescu S., Negrea A., Motoc M.	$(1+0.677) \times (3/7)$	0.719

	Removal of phenolic compounds from aqueous solutions using poly(styrene-co-divinylbenzene) functionalized with aminophosphonic acid Rev. Chim. (Bucharest) , 65 (4), 444-446, 2014		
29.	Popa A., Ciopec M., Negrea A., Lupa L., Negrea P., Davidescu C. M., Ilia G., Duteanu N. Use of styrene-divinylbenzene grafted with aminoethylaminomethyl groups and various ionic liquids in the removal process of thallium and strontium Pure Appl. Chem. 86(11):1741–1753, 2014	$(1+3.112) \times (2/8)$	1.028
30.	Negrea A., Popa A., Ciopec M., Lupa L., Negrea P., Davidescu C. M., Motoc M., Minzatu V. Phosphonium grafted styrene-divinylbenzene resins impregnated with iron(III) and crown ethers for arsenic removal Pure Appl. Chem. 86(11): 1729–1740, 2014	$(1+3.112) \times (1/8)$	0.514
31.	Parvulescu V., Popa A., Paun G., Ene R., Davidescu C.-M., Ilia G. Effect of polymer support functionalization on enzyme immobilization and catalytic activity, Pure Appl. Chem. 86(11): 1793–1803, 2014	$(1+3.112) \times (2/6)$	1.371
32.	Díaz-Somoano M., Popa A., Rumayor M., López-Antón M. A., Rosa Martínez-Tarazona M., Ilia G. Gaseous mercury behaviour in the presence of functionalized styrene-divinylbenzene copolymers, Pure Appl. Chem. 86(11): 1793–1803, 2014	$(1+3.112) \times (2/7)$	1.175
33.	Visa A., Maranescu B., Mracec M. Electronic Properties of Cu^{2+} vinylphosphonate Estimated by PM3 Semiempirical Method Rev. Roum. Chim 59(3-4), 185-191, 2014	$(1+0.393) \times (2/3)$	0.929
34.	Maranescu B., Visa A., Ilia G., Simon Z., Demadis K, Colodrero R.M.P., Cabeza A., Vallcorba O., Rius J., Choquesillo-Lazarte D. Synthesis and characterization of styryl phosphonic acid and its use as new ligand for phosphonate metal organic framework J. Coord. Chem. 67(9): 1562-1572, 2014	$(1+2.224) \times (3/10)$	0.967
35.	Popa A., Sasca V., Verdes O., Barvinschi P., Holclajtner-Antunović Ivanka, Acidic and neutral cesium salts of 12-molybdophosphoric acid supported on SBA-15 mesoporous silica. The influence of Cs concentration and surface coverage on textural and structural properties, Mater. Res. Bull. , 50, 312-322, 2014	$(1+1.968) \times (3/5)$	1.781
36.	Negrea A., Lupa L., Ciopec M., Negrea P., Voda R., Ianasi C. Study of different impregnated methods of inorganic supports with ionic liquid	$(1+0.117) \times (1/6)$	0.186

	<i>J. Environ. Prot. Ecol.</i>, 14(4) 1785-1793, 2013		
37.	Tarko L., Putz M.V., Ionaşcu C., Putz A.M. QSTR Studies Regarding the ECOSAR Toxicity of Benzene-Carboxylic Acid' Esters to Fathead Minnow Fish (<i>Pimephales promelas</i>). <i>Curr. Comput.-Aid. Drug Design</i>, 10(2) 99-106, 2014	$(1+1.008) \times (1/4)$	0.502
38.	Moro A. J.; Pana A.-M.; Cseh L., Costisor O., Jorge Parola, L Cunha-Silva, Puttreddy R., Rissanen K., Pina F. Chemistry and Photochemistry of 2,6-Bis(2-hydroxybenzylidene)cyclohexanone. An Example of a Compound Following the Anthocyanins Network of Chemical Reactions <i>J. Phys. Chem. A</i>, 118(32) 6208-6215, 2014	$(1+2.775) \times (3/9)$	1.258
39.	Bucovicean C.M., Dong H., Zeng X., Pana A.M, Pausescu I., Costisor O., Cseh L. Study of molecular order, mesogenic and fluorescent properties of 2,4-bis(4-dodecyloxybenzylidene)cyclohexanone <i>J. Mol. Liquids</i>, 195 69-72 2014	$(1+2.083) \times (5/7)$	2.202
40.	Pana A.M., Badea V., Bănică R., Bora A., Dudas Z., Cseh L., Costisor O. Network reaction of 2,6-bis(2-hydroxybenzylidene)cyclohexanone by external stimuli <i>J. Photochem. Photobiology A-Chemistry</i> 283 22-28 2014	$(1+2.291) \times (5/7)$	2.351
41.	Buta I., Ianasi C., Savii C., Cseh L., Bakardieva S., Linert W., Costisor O. Synthesis and Characterization of New Heterometallic Cobalt-zinc Oxalates Linked by Organic Amines <i>Rev. Chim. (Bucharest)</i>, 65(4) 416-420 2014	$(1+0.677) \times (5/7)$	1.198
42.	Cseh L., Mehl G. Structure-Properties Relationships In Liquid Crystal Thiols <i>Rev. Roum. Chim.</i> 58(11-12) 879-885 2013	$(1+0.393) \times (1/2)$	0.696
	TOTAL		54.146