

STANDARDE MINIMALE NECESARE ȘI OBLIGATORII PENTRU CONFERIREA TITLURILOR DIDACTICE DIN ÎNVĂȚĂMÂNTUL SUPERIOR

DOSAR : Lector univ. Dr. Maranescu Bianca-Elena

1.1. PROFESOR / CS I / Habilitare - CHIMIE

Criterii generale:

Centralizator standarde minime necesare si obligatorii pentru Profesor/CS I/Habilitare	N _{max} (*)	FIC (**)	FIC _D (***)	FIC _{AP} (****)	FIC _{AC} (*****)	h index
Minim	≤ 50	100	70	50	25	13
Realizat	45	114.05	107.89	64.52	31.47	14

(*)N_{max} - primele maxim N lucrări, organizate în ordinea descrescătoare a factorilor de impact a revistelor în care au fost publicate;

(**)FIC - factorul de impact cumulat minimal al revistelor în care s-au publicat lucrările în cauză;

(***)FIC_D - factorul de impact cumulat minimal din publicații în domeniile de cercetare declarate;

(****)FIC_{AP} - factorul de impact cumulat minimal din publicații în calitate de autor principal (prim-autor și autor de corespondență);

(*****FIC_{AC} - factorul de impact cumulat minimal din publicații în calitate de autor de corespondență.

Nr. crt.	Articol WoS / capitol de carte / brevet	FIC (**)	FIC _D (***)	FIC _{AP} (****)	FIC _{AC} (*****)
1	Maranescu B., Lupa L., Visa A., Synthesis, characterization and rare earth elements adsorption properties of phosphonate metal organic frameworks, Applied Surface Science, 2019, 481, 83-91, https://doi.org/10.1016/j.apsusc.2019.03.067 , WOS:000472176900011	6.7	6.7	6.7	
2	Maranescu B., Plesu N., Visa A., Phosphonic acid vs phosphonate metal organic framework influence on mild steel corrosion protection, Applied Surface Science, 2019, 497, 143734,	6.7	6.7	6.7	

	https://doi.org/10.1016/j.apsusc.2019.143734 , WOS:000487849800078				
3	Maranescu B., Visa A., Applications of Metal-Organic Frameworks as Drug Delivery Systems, International Journal of Molecular Sciences, 2022, 23(8), 4458, https://doi.org/10.3390/ijms23084458 , WOS:000786255600001	5.6	5.6	5.6	5.6
4	Marganovici M., Maranescu B., Visa A., Lupa L., Hulka I., Chiriac V., Ilia G., Hybrid Coordination Networks for Removal of Pollutants from Wastewater, International Journal of Molecular Sciences, 2022, 23 (20), 12611. https://doi.org/10.3390/ijms232012611 , WOS:000873052800001	5.6	5.6	5.6	5.6
5	Visa A., Maranescu B., Lupa L., Crisan L., Borota A., New Efficient Adsorbent Materials for the Removal of Cd (II) from Aqueous Solutions, Nanomaterials, 2020, 10(5), 899, https://doi.org/10.3390/nano10050899 , WOS:000540781800082	5.3	5.3	5.3	
6	Colodrero R.M.P., Cabeza A., Olivera-Pastor P., Choquesillo D., Turner A., Ilia G., Maranescu B., Papathanasiou K.E, Hix G.B, Demadis K.D., Aranda M.A.G., Divalent metal vinylphosphonate layered materials: compositional variability, structural peculiarities, dehydration behavior, and photoluminescent properties, Inorganic Chemistry, 2011, 50(21), 11202-11211,	4.6	4.6		

	https://doi.org/10.1021/ic201760w , WOS:000296303900089				
7	Visa A., Plesu N., Maranescu B., Ilia G., Borota A., Crisan L., A combined experimental and theoretical insights into the corrosion inhibition activity on carbon steel iron of phosphonic acids, <i>Molecules</i> , 2020, 26(1), 135, https://doi.org/10.3390/molecules26010135 , WOS:000606214600001	4.6	4.6		
8	Visa A., Mracec. M., Maranescu B., Maranescu V., Ilia G., Popa A., Mracec M., Structure simulation into a lamellar supramolecular network and calculation of the metal ions/ligands ratio, <i>Chemistry Central Journal</i> , 2012, 6, 91, https://doi.org/10.1186/1752-153X-6-91 , WOS:000308747600001	4.215	4.215	4.215	4.215
9	García M., Vílchez. A, Maranescu B., Pastor P; Marganovici M., Ilia G., Cabeza Díaz A., Visa A., Pérez Colodrero R., Synthesis and Electrochemical properties of metal(II)-carboxyethylphenylphosphinates, <i>Dalton Transactions</i> , 2021, 50(19), 6539-6548, https://doi.org/10.1039/d1dt00104c , WOS:000642584600001	4	4		
10	Lupa L., Tolea N.S, Iosivoni M., Maranescu B., Plesu N., Visa A., Performance of ionic liquid functionalized metal organic frameworks in the adsorption process of phenol derivatives, <i>RSC Advances</i> , 2024, 14, 4759-4777,	3.9	3.9		

	https://doi.org/10.1039/d3ra08024b , WOS:001157822200001				
11	Nistor M.A., Muntean S.G., Maranescu B., Visa A, Phosphonate metal-organic frameworks used as dye removal materials from wastewaters, Applied Organometallic Chemistry, 2020, 34(11), e5939, https://doi.org/10.1002/aoc.5939 , WOS:000552629100001	3.9	3.9	3.9	3.9
12	Visa A., Ilia G., Lupa L., Maranescu B, Use of highly stable phosphonate coordination polymers as adsorbents for wastewater, Applied Organometallic Chemistry, 2021, 35(5), e6184, https://doi.org/10.1002/aoc.6184 , WOS:000615201500001	3.9	3.9	3.9	3.9
13	Popa A., Visa A., Maranescu B., Hulka I., Lupa L., Chemical modification of chitosan for removal of Pb(II) ions from aqueous solutions, Materials, 2021, 14(24),7894, https://doi.org/10.3390/ma14247894 , WOS:000738664600001	3.4	3.4	3.4	3.4
14	Plesu N., Macarie L., Mihali M., Maranescu B., Visa A., Jurcau D., Polyester-Based Coatings with a Metal Organic Framework: An Experimental Study for Corrosion Protection, Journal of Composites Science, 2023, 7 (10), 422. https://doi.org/10.3390/jcs7100422 , WOS:001093651100001	3.3	3.3		
15	Plesu N., Maranescu B., Mihali M., Visa A., Electrochemical Oxidation of Phenol Released from Spent Coordination Polymer	3.3	3.3		

	Impregnated with Ionic Liquid, Journal of Composites Science, 2023, 7(12), 510, https://doi.org/10.3390/jcs7120510 , WOS:001131395400001				
16	Lupa L., Maranescu B., Visa A., Equilibrium and kinetic studies of chromium ions adsorption on Co (II)-based phosphonate metal organic frameworks, Separation Science and Technology, 2018, 53(7), 1017-1026, https://doi.org/10.1080/01496395.2017.1340953 , WOS:000424302500002	2.8	2.8		
17	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, Separation Science and Technology, 2018, 53(7), 1058-1064, https://doi.org/10.1080/01496395.2017.1304961 , WOS:000424302500006	2.8	2.8	2.8	
18	Ilia G., Iliescu S., Popa A., Visa A., Maranescu B., Simulescu V., Pekar M., Badea V., Poly(alkylene-H-phosphonate)s obtained by direct esterification and oxidation of hypophosphorous acid with ethylene glycol, Journal of Macromolecular Science Part A-Pure and Applied Chemistry, 2016, 53(1), 49-54, https://doi.org/10.1080/10601325.2016.1110458 , WOS:000367550100008	2.5	2.5		
19	Maranescu B., Visa A., Metal-Organic Framework Composites IPMC Sensors and Actuators, Inamuddin and A. M. Asiri (eds.), Ionic Polymer Metal Composites for Sensors	2	2	2	

	and Actuators, Engineering Materials, Springer Publisher, 2019, 1-18, https://doi.org/10.1007/978-3-030-13728-1_1 ; ISBN: 978-3-030-13727-4, Prezente în 193 de librării				
20	Visa A., Maranescu B., Ilia G., Hypophosphorous Acid and Its Salts as Reagents in Organophosphorus Chemistry, in Chemistry Beyond Chlorine, Editors: Tundo, P., He, L.-N., Lokteva, E., Mota, C. (Eds.), Springer Publisher, 2016, 137-168, https://doi.org/10.1007/978-3-319-30073-3_4 , ISBN: 978-3-319-30071-9, Prezente în 255 de librării	2	2		
21	Maranescu B., Visa A., Ilia G., Simon Z, Demadis KD, Colodrero RMP, Cabeza A., Vallcorba O., Rius J., Choquesillo-Lazarte D., Synthesis and structural characterization of 2-D layered copper(II) styrylphosphonate coordination polymers, Journal Of Coordination Chemistry, 2014, 67(9), 1562-1572, https://doi.org/10.1080/00958972.2014.928289 , WOS:000340149000006	1.9	1.9	1.9	
22	Maranescu B., Lupa L., Mihali M.T.L., Plesu N., Maranescu V., Visa A., The corrosion inhibitor behavior of iron in saline solution by the action of magnesium carboxyphosphonate, Pure and Applied Chemistry, 2018, 90(11), 1713-1722, https://doi.org/10.1515/pac-2018-0513 , WOS:000450639300006	1.8	1.8	1.8	

23	Maranescu B., Lupa L., Visa A., Heavy metal removal from waste waters by phosphonate metal organic frameworks, Pure and Applied Chemistry, 2018, 90(1), 35-47, https://doi.org/10.1515/pac-2017-0307 , WOS:000426360200004	1.8	1.8	1.8	
24	Maranescu B., Lupa L., Visa A., Synthesis, characterizations and Pb(II) sorption properties of cobalt phosphonate materials, Pure and Applied Chemistry, 2016, 88(10-11), 979-992, https://doi.org/10.1515/pac-2016-0709 , WOS:000393350200008	1.8	1.8		
25	Cocheci L., Lupa L., Pop A., Visa A., Maranescu B., Popa A., Photocatalytical Degradation of Congo Red Azo Dye Using Phosphono-Aminoacid-Cd(II) Pendant Groups Grafted on a Polymeric Support, Revista de Chimie, 2019, 70(10), 3473-3476, WOS:000500795900005	1.755	1.755		
26	Cozmiuc C., Rojancovschi V., Maranescu B., Ilia G., Compounds of hexachlorocyclotriphosphazene used as biosimulators, Revista de Chimie., 2005, 56(5), 564-565, WOS:000231256800028	1.755			
27	Fagadar-Cosma E., Maranescu B., Enache C., Savii C., Fagadar-Cosma G., Alternatives for obtaining of 5,10,15,20-tetraals(4-hydroxyphenyl)-21H,23H-porphin physico-chemical characterisation, Revista de Chimie, 2006, 57(11), 1144-1147, WOS:000244133900016	1.755			
28	Fagadar-Cosma E., Maranescu B., Fagadar-Cosma G., Cozmiuc C.,	1.755	1.755		

	Iodotriphenylphosphonium triiodide -: IR, ^1H -NMR, ^{31}P -NMR, UV-VIS spectroscopy and HPLC investigations, Revista de Chimie, 2005, 56(9), 947-950, WOS:000233286500012				
29	Fulias A., Fagadar-Cosma E., Vlascici D., Maranescu B., Cozmiuc C., Comparative study of the obtaining and HPLC, UV-VIS and IR characteristics of the monomer and dimer type complexes of meso-tetranhenylporphirine with Zr(IV), Revista de Chimie, 2005, 56(10), 1040-1043, WOS:000233793100014	1.755			
30	Maranescu B., Ilia G., Cozmiuc C., Glevitzky M., Synthesis and mathematic models of the HPLC behavior of phosphoramidic derivatives, Revista de Chimie, 2006, 57(10), 1470-1474, WOS:000242700500015	1.755	1.755	1.755	1.755
31	Maranescu B., Szabadai Z., Cozmiuc C., Ilia G., The study of the photo transformation of dimethyl 1,4-dihydro-2,6-dimethyl-4(2-nitrophenyl)-3,5-pitydinecarboxilate (Nifedipin), Revista de Chimie, 2005, 56(6), 663-666, WOS:000231257000021	1.755	1.755	1.755	
32	Moldovan R., Muntean S., Simu G., Maranescu B., Pascariu A., Methods for the characterization of arylazophosphonates, Revista de Chimie, 2006, 57(3), 281-284, WOS:000237578100012	1.755	1.755		
33	Iliescu S., Plesu N., Macarie L., Popa A., Visa A., Maranescu B., Ilia G., Polymeric membranes containing phosphorus in the	1.3	1.3		

	chain for solid polymer electrolytes, Phosphorus, Sulfur, and Silicon and the Related Elements, 2014, 189(7-8), 992-1003, https://doi.org/10.1080/10426507.2014.905568 , WOS:000341577500014				
34	Maranescu B., Visa A., Ilia G., The influence of PH on the properties of cobalt styrylphosphonate, Phosphorus, Sulfur, and Silicon and the Related Elements, 2014, 189(7-8), 1004-1012, https://doi.org/10.1080/10426507.2014.905569 , WOS:000341577500015	1.3	1.3	1.3	1.3
35	Maranescu B., Visa A., Maranescu V., Co-Vinyl Phosphonate Electrical Properties, Phosphorus, Sulfur, and Silicon and the Related Elements, 2015, 190(5-6), 902-904, https://doi.org/10.1080/10426507.2014.993761 , WOS:000357323000054	1.3	1.3	1.3	
36	Visa A., Maranescu B., Bucur A., Iliescu S., Demadis KD., Synthesis and characterization of a novel phosphonate metal organic framework starting from copper salts, Phosphorus, Sulfur, and Silicon and the Related Elements, 2014, 189(5), 630-639, https://doi.org/10.1080/10426507.2013.843004 , WOS:000337246400006	1.3	1.3	1.3	1.3
37	Visa A., Maranescu B., Bucur A., Spectroscopic Properties of New Cerium Metal-Organic Framework Based on Phosphonate Ligands with Vinyl Functional Group, Phosphorus, Sulfur, and Silicon and the Related Elements, 2015, 190(5-6), 959-960,	1.3	1.3		

	https://doi.org/10.1080/10426507.2014.995298 , WOS:000357323000070				
38	Fagadar-Cosma E., Creanga I., Maranescu B., Palade A., Lorinnnczi A., Fagadar- Cosma G., Popescu M., Dependence of optical response on pH of a water- soluble Zn(II) Metalloporphyrin, Digest Journal Of Nanomaterials And Biostructures, 2011, 6(1), 75-804, WOS:000289716200010	0.9			
39	Nichita I., Visa A., Maranescu B., Lupa L., Popa A., Synthesis and Characterization of Modified Chitosan with Aminophosphonic Groups and Zn(II) Ions and Assessment as Potential Antibacterial Adsorbent, Materiale Plastice, 2022, 59 (4), 125-134, https://doi.org/10.37358/MP.22.4.5631 , WOS:000965030700011	0.8	0.8		
40	Popa A., Ilia G., Davidescu C.M., Iliescu S., Macarie L., Maranescu B., Wittig reaction of quaternary phosphonium salts containing macromolecular ligands functionalized with aldehyde groups, Materiale Plastice, 2006, 43(1), 62-64, WOS:000236960700014	0.8	0.8		
41	Popa A., Ilia G., Iliescu S., Pascariu A., Maranescu B., Wittig Horner reactions on styrene-divinylbenzene type supports during the catalysis by interphase transfer. 2 The utilization of functionalized phosphonates, Materiale Plastice, 2005, 42(3), 226-228, WOS:000233226800013	0.8	0.8		
42	Maranescu B., Visa A., Iliescu S., Popa A., Ilia G., Maranescu V., Simon Z., Mracec M., Structural properties of	0.5	0.5	0.5	

	Ni ²⁺ +vinylphosphonate using PM3 semi-empirical analysis, Revue Roumaine de Chimie, 2011, 56(12), 1137-1141, WOS:000304225400007				
43	Maranescu B., Visa A., Mracec M., Ilia G., Maranescu V., Simon Z., Mracec M., Lamellar Co ²⁺ vinylphosphonate metal organic framework. PM3 semi-empirical analysis of structural properties, Revue Roumaine de Chimie, 2011, 56(5), 473-482, WOS:000345109700003	0.5	0.5	0.5	
44	Visa A., Maranescu B., Mracec M., Electronic properties of Cu ²⁺ vinylphosphonate estimated by PM3 semiempirical method, Revue Roumaine de Chimie, 2014, 59(3-4), 185-191, WOS:000345109700003	0.5	0.5	0.5	0.5
45	Petric M., Crisan L., Crisan M., Micle A., Maranescu B., Ilia G., Synthesis and QSRR Study for a Series of Phosphoramidic Acid Derivatives, Heteroatom Chemistry, 2013, 24(2), 138-145, https://doi.org/10.1002/hc.21076 , WOS:000316296800007	0.3	0.3		
Total		114.05	107.89	64.52	31.47

Clarivate English Products

Web of Science Search Sign In Register

Search > Results for MARANESCU B (...) > Citation Report: MARANESCU B (...) > Author Profile

Share Submit a correction Add alert

Bianca Maranescu (Maranescu, Bianca)
Institute of Chemistry "Coriolan Dragulescu"
Web of Science ResearcherID: C-1045-2011

Published names: Maranescu, Bianca; Maranescu, B; Maranescu, B.
Published Organizations: West University of Timisoara, Romanian Academy of Sciences, Coriolan Dragulescu Inst Chem
Subject Categories: Chemistry; Materials Science; Engineering; Physics; Biochemistry & Molecular Biology

Verify your Author Record
Get your own verified author record. Enter your name in Author Search, then click "Claim My Record" on your author record page.
Go to author search

Metrics Open dashboard

Profile summary

- 43 Total documents
- 43 Web of Science Core Collection publications
- 0 Preprints
- 0 Dissertations or Theses
- 0 Verified peer reviews
- 0 Verified editor records

Web of Science Core Collection metrics

14 H-Index 43 Publications in Web of Science

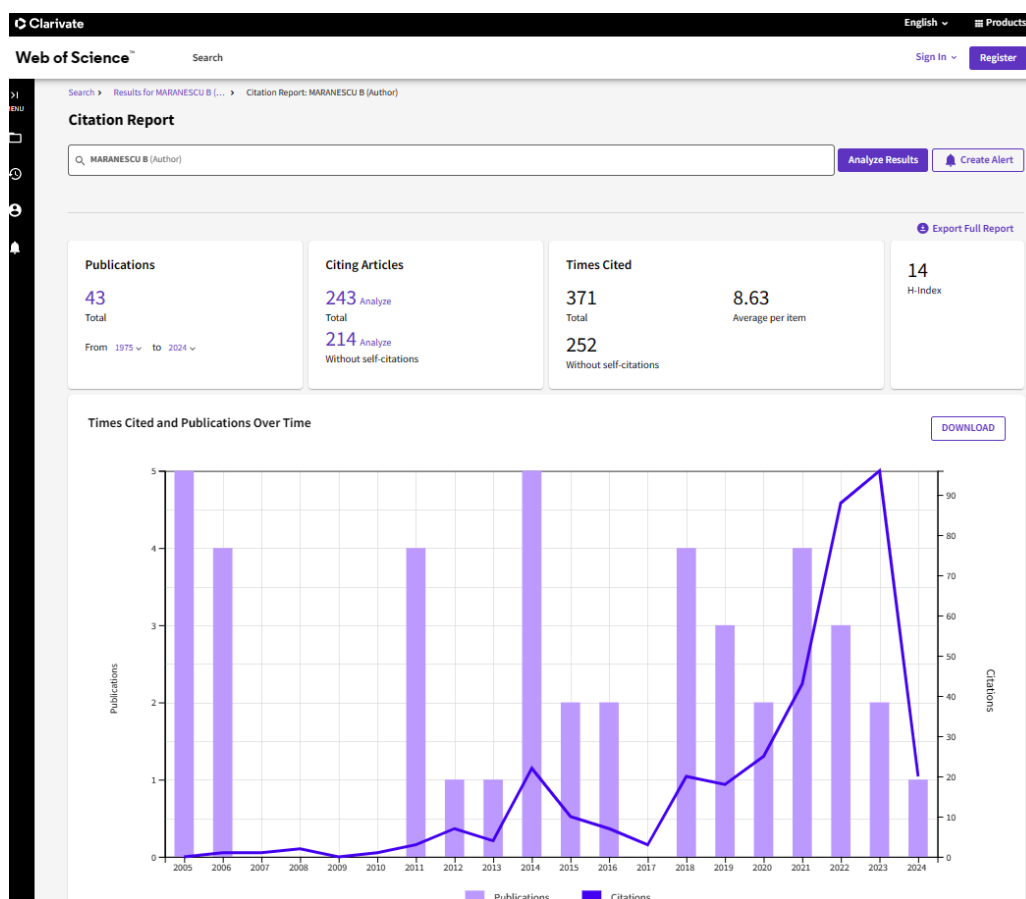
371 Sum of Times Cited 243 Citing Articles

Documents Peer Review

43 Publications from the Web of Science Core Collection

Include publications not indexed in Core Collection (0) All Publications Date: newest first 1 of 1

Performance of your profile based on the national research framework in the international research of your field



Raportul citărilor și indicele Hirsch conform platformei Web of Science (aprilie 2024)

Signed by: BIANCA-ELENA MARANESCU
E-Mail: bianca.maranescu@e-uvt.ro
Signing time: 04/23/2024 01:29:53 AM (+02:00/UTC)
IP address: 89.136.39.163