

Universitatea Politehnica Timisoara

Departamentul de Chimie Aplicata su Ingineria Compusilor Anorganici si a Mediului - CAICAM

**COMISIA INGINERIE CHIMICĂ, INGINERIE MEDICALĂ, ȘTIINȚA MATERIALELOR ȘI NANOMATERIALE
(conform OMECTS 6560 / 20.12.2012, Anexa nr. 8)**

DOSAR: S.L.dr.ing. DUTEANU Narcis Mihai

Centralizator standarde minimale necesare si obligatorii pentru profesor/CS I	minim	realizat
NT-numar total de articole in reviste ISI	≥ 25	29
NP-numar articole in reviste ISI la care candidatul este autor principal (prim autor sau autor de corespondență)	≥ 12	13
FIC* = factor de impact cumulat (suma factorilor de impact ale revistelor. Se ia in considerare ultimul factor cunoscut.)	≥ 16	25.48
NC = număr total de citări (din baza SCOPUS)	≥ 40	389

*In acest caz in calculul FIC se tine cont de factorul de impact al revistei la care candidatul a publicat un articol ca autor principal si respectiv de factorul de impact împărțit la numarul de autori pentru revistele in care candidatul a publicat un articol în care nu este autor principal (daca autorul e principal atunci indicele e cel al revistei, daca nu, atunci indicele este cel al revistei impartit la numarul de autori.

** Brevetele nationale (FI=1) si internationale (FI=3) intra in calculul FIC

NT realizat =	29	NP realizat =	13
NT minim =	≥ 25	NP minim =	≥ 12

FIC realizat =	25.48
FIC minim =	≥ 16

NT-nr. Total de articole in reviste ISI	Articol publicat in revista cotate ISI	NP-numar articole in reviste ISI la care candidatul este autor principal (prim	Nr. total autori	Ultimul Factor de impact ISI	FIC
1	Jurca T, Marian E, Tita B, Bandur G, Tita D, Duteanu Narcis, Comparative Studies of Pentoxifylline - Active Substance and Tablets, Revista de Chimie 66 (8), 1155 - 1158, 2015	1	6	1.232	1.232
2	Vaida M, Duteanu Narcis, Grozescu I, Preparation and characterization of the thermoelectric material Zn ₄ Sb ₃ , JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, 17 (7-8), 1021-1025, 2015		3	0.449	0.150
3	Vociu A, Duteanu Narcis, Raduta A, Vaszilcsin N, Influence of Electrochemical Treatment over Cellular Adherence onto the Surface of Titanium Surgical Implants, INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE, 10 (7), 5624 - 5638, 2015		4	1.500	0.375
4	Ion VA, Parvulescu OC, Dobre T, Duteanu Narcis, Nitu SG, Modelling of Thermal Desorption of Volatile Organic Compounds from Activated Carbon, Revista de Chimie, 66 (5), 703 - 706, 2015		5	1.232	0.246
5	Marian E, Jurca T, Tita B, Sfirloaga P, Tita D, Duteanu Narcis, Comparative Study of Teophylline - Active Substance and Commercial Drug - Using the Physico-chemical Methods, Revista de chimie, 66 (4), 477 - 481, 2015		6	1.232	0.205

6	Popa A, Ciopec M, Negrea A, Lupa L, Negrea P, Davidescu CM, Iliu G, Duteanu Narcis, Use of styrene-divinylbenzene grafted with aminoethylaminomethyl groups and various ionic liquids in the removal process of thallium and strontium, Pure and applied chemistry, 86 (11), 1741 - 1753, 2014		8	2.615	0.327
7	Marian E, Jurca T, Duteanu Narcis, Comparative Study of Metals in Hypericum Perforatum, Hypericum Maculatum and Hypericum Tea by Microwave Digestion-ICP-OES, Revista de chimie, 64 (2), 161 - 164, 2013		3	1.232	0.411
8	Celik Ismail, Akkurt Mehmet, Gezegen Hayreddin, Uremis Muhammed, Duteanu Narcis, 2-[1-(4-Bromo-phen-yl)-3-hydroxy-3-(4-methoxy-phen-yl)prop-yl]cyclo-hexanol.		5	0.350	0.070
9	Dan M, Pralong V, Vaszilcsin N, Kellenberger A, Duteanu Narcis, Electrochemical behaviour of YBaCo4O7 in alkaline aqueous solution, Journal of solid state electrochemistry, 15 (6), 1227 - 1233, 2011		5	2.446	0.489
10	Dan M, Vaszilcsin N, Kellenberger A, Duteanu Narcis, ELECTROCHEMICAL BEHAVIOUR OF YBaCo4O7 IN NEUTRAL AQUEOUS SOLUTION, Studia Universitatis Babeș-Bolyai Chemia, 56 (1), 119 - 127, 2011		4	0.191	0.048
11	Ghangrekar MM, Murthy SSR, Behera M, Duteanu Narcis, EFFECT OF SULFATE CONCENTRATION IN THE WASTEWATER ON MICROBIAL FUEL CELL PERFORMANCE, Environmental engineering and management journal, 9 (9), 1227 - 1234, 2010		4	1.065	0.266
12	Duteanu Narcis, Ghangrekar MM, Erable B, Scott K, MICROBIAL FUEL CELLS - AN OPTION FOR WASTEWATER TREATMENT, Environmental engineering and management journal, 9 (8), 1069 - 1087, 2010	1	4	1.065	1.065
13	Duteanu Narcis, Erable B, Kumar SMS, Ghangrekar MM, Scott K, Effect of chemically modified Vulcan XC-72R on the performance of air-breathing cathode in a single-chamber microbial fuel cell, Bioresource Technology, 101 (4), 5250 - 5255, 2010	1	5	4.917	4.917

14	Ghangrekar MM, Shinde VB, Duteanu Narcis, Effect of Wastewater Characteristics and Biomass Growth in Cathode Compartment on Performance of Membrane-less Microbial Fuel Cell, Revista de chimie, 61 (3), 272 - 280, 2010		3	1.232	0.411
15	Erable B, Duteanu Narcis, Ghangrekar MM, Dumas C, Scott K, Application of electro-active biofilms, Biofouling, 26 (1), 57 - 71, 2010		5	3.415	0.683
16	Erable B, Duteanu Narcis, Kumar SMS, Feng YJ, Ghangrekar MM, Scott K, Nitric acid activation of graphite granules to increase the performance of the non-catalyzed oxygen reduction reaction (ORR) for MFC applications, Electrochemistry Communications, 11 (7), 1547 - 1549, 2009		6	4.847	0.808
17	Duteanu Narcis, Kellenberger A, Vaszilcsin N, Scott K, Studies on Sodium Borohydride Fuel Cells, Revista de Chimie, 59 (12), 1361 - 1365, 2008	1	4	1.232	1.232
18	Scott K, YU E, Vlachogiannopoulos G, Shivare M, Duteanu Narcis, Performance of a direct methanol alkaline membrane fuel cell, Journal of Power Sources, 175 (1), 452 - 457, 2008		5	6.333	1.267
19	Kellenberger A, Vaszilcsin N, Duteanu Narcis, Dan ML, Brandl W, STRUCTURE, MORPHOLOGY AND ELECTROCHEMICAL PROPERTIES OF HIGH SURFACE AREA COPPER ELECTRODES OBTAINED BY THERMAL SPRAYING TECHNIQUES, Studia Universitatis Babes-Bolyai Chemia, 53 (1), 89 - 96, 2008		5	0.191	0.038
20	Duteanu Narcis, Scott K, Vaszilcsin N, Kellenberger A, Increasing of the performances of direct methanol combustion fuel cells, Revista de chimie, 58 (12), 1207 - 1211, 2007	1	4	1.232	1.232
21	Hulka I, Serban VA, Duteanu Narcis, Pascu A, Roata IC, Corrosion resistance of laser clad NiCrBSi composite coatings, Studia Universitatis Babes-Bolyai Chemia, 60 (4), 173 - 184, 2015	1	5	0.191	0.191
22	Dan ML, Vaszilcsin N, Duteanu Narcis, Electrochemical behavior of CaBaCo ₂ O _{5±δ} in neutral aqueous solution, Studia Universitatis Babes-Bolyai Chemia, 60 (4), 165 - 172, 2015	1	3	0.191	0.191

23	Vaida M., Duteanu N., Grozescu I., The effects of doping on the structural, optic and electric properties of Zn ₄ Sb ₃ material. Journal of the serbian chemical society, 81 (3), 232 - 332, 2016	1	3	0.970	0.970
24	Dan M, Kellenberger A, Vaszilcsin N, Duteanu Narcis, Voltametric studies of YBaCo ₂ O ₅ in alkaline aqueous solution, Environmental engineering and management journal, in press	1	4	1.065	1.065
25	Hulka I, Serban VA, Utu D, Duteanu Narcis, Pascu A, Rota I, Maior I, Wear resistance of laser clad in NiCrBSi composite coating, Revista romana de materiale, 46 (1), 49 - 54, 2016	1	7	0.612	0.612
26	Celik Ismail, Akkurt Mehmet, Gezegen Hayreddin, Uremis Muhammed, Duteanu Narcis; CCDC 961833: Experimental Crystal Structure Determination, from repository Cambridge Structural Database		5	0.000	0.000
27	Andreea Gabor, Corneliu Mircea Davidescu, Adina Negrea, Mihaela Ciopec, Cornelia Muntean, Duteanu Narcis, Petru Negrea; Sorption properties of Amberlite XAD7 functionalized with sodium β -glycerophosphate - Pure and Applied Chemistry, 88 (12), 1143 - 1154, 2016	1	7	2.615	2.615
28	Andreea Gabor, Corneliu Mircea Davidescu, Adina Negrea, Mihaela Ciopec, Ion Grozav, Petru Negrea, Duteanu Narcis; Optimizing the lanthanum adsorption process onto chemically modified biomaterials using factorial and response surface design, Journal of Environmental Management, Corrected Proof - In press, 2017	1	7	3.131	3.131
29	Eleonora Marian, Narcis Duteanu, Laura Vicas, Bogdan Tita, Paula Sfirloaga, Tunde, Jurca; Purity determination of fusidic acid using physico-chemical methods - Revista de chimie, 68 (7), 2017	1	6	1.232	1.232
30	Vasile Minzatu, Corneliu Mircea Davidescu, Mihaela Ciopec, Petru Negrea, Narcis Duteanu, Adina Negrea, Alina Barbulescu; Modeling approach of adsorptive removal of arsenic from aqueous solution - Proceedings - 15th International Conference on Environmental Science and Technology - CEST 2017, 31.08 - 2.09 2017, Rhodes, Greece, in curs de publicare in jurnale indexate ISI (editiile anterioare au fost indexate ISI)		7	0.000	0.000

31	Vasile Minzatu, Corneliu Mircea Davidescu, Mihaela Ciopec, Petru Negrea, Narcis Duteanu, Adina Negrea; Arsenium and selenium removal from aqueous solution using eco-materials - Proceedings - 15th International Conference on Environmental Science and Technology - CEST 2017, 31.08 - 2.09 2017, Rhodes, Greece in curs de publicare in jurnale indexate ISI (editiile anterioarea au fost indexate ISI)		6	0.000	0.000
	TOTAL	13			25.48