

Standarde minimale obligatorii Universitatea „Alexandru Ioan Cuza” din Iași, funcția didactică: conferențiar

Criteriu					
Categorie	Numărul de lucrări, N_{max}	Factorul de impact cumulat, FIC	Factorul de impact cumulat în calitate de autor principal, FIC_{AP}	h index	carte/ capitol de carte
Standard	30	50	20	9	1
	Maxim 2 articole publicate în aceeași revistă într-un an calendarisitic				
Realizat	28/ Indeplinit	97,08	30,17	9	3

Diploma de doctor - domeniul CHIMIE, obținută în anul 1999

Listă publicații

Nr.crt.	Autori	Titlu publicație	Denumire jurnal	Volum/pagini	An	FIC din anul publicării	FIC _{AP}	Quartile
1	C.A. Gheorghita, M.M. Lazar, D. Humelnicu, C. Mita , I.A. Dinu, D. Bejan, M. Dobromir, M.V. Dinu	Floatable chitosan-based cryogels embedded with copper nanoparticles as efficient and reusable heterogeneous catalysts for hydrogenation of 4-nitrophenol	International Journal of Biological Macromolecules	370/152868	2026	8,5	0	Q1
2	T. Vasilenko, A. Kirillov, A. Islamov, A. Doroshkevich, K. Ludzik, D.M. Chudoba, C. Mita	Permeability of a coal seam with respect to fractal features of pore space of fossil coals,	Fuel	329/125113	2022	8,03	0	Q1
3	A.I. Borhan, D.D. Herea, M.A. Husanu, D.G. Popescu, C.N. Borca, T. Huthwelker, G. Bulai, I. Radu, A.C. Dirtu, D. Dirtu, C. Mita , G. Stoian, G. Ababei, N. Lupu, A. Pui, D. Daniel	"Straightforward FeOOH nanografting of Al-based SrTiO ₃ perovskite material as core-shell nanoflower-like heteronanostructure with enhanced solar light-driven photodegradation capability"	Applied Surface Science	614/156247	2023	7,4	0	Q1

4	C. Mita , M. Frenti, N. Cornei, G. Bulai, M Dobromir, Al. Doroshkevich, Z. V. Mezentseva, D. Mardare	High stability and photocatalytic activity of N-doped ZrO ₂ thin films	Journal of Alloys and Compounds	1002/175134	2024	6,3	6,3	Q1
5	A.S. Doroshkevich, A.S. Zakharova, B.L. Oksengendler, A.I. Lyubchyk, S.I. Lyubchyk, S.B. Lyubchyk, A.A. Tatarinova, A.K. Kirillov, T.A. Vasilenko, O.O. Gorban, V.I. Bodnarchuk, N.N. Nikiforova, E.A. Zakharova, M. Balasoii, D.M. Mardare, C. Mita , A. Stanculescu, M.N. Mirzayev, A.A. Nabiyeu, E.P. Popov, L. Khiem, A.A. Donkov, V. Teofilovic, B. Jasinska, D. Chicea, T.Y. Konstantinova, TY,	The Rectifying Contact of Hydrated Different Size YSZ Nanoparticles for Advanced Electronics, Nanomaterials	Nanomaterials	12/44493	2022	5,72	0	Q1
6	I. Baba-Ahmed, D. Gherca, A.R. Iordan, M.N. Palamaru, C. Mita ; R. Baghdad, G. Ababei, N. Lupu, M.A. Benamar, A. Abderrahmane, T. Roman, G. Bulai, L. Leontie, A.I.Borhan,	Sequential Synthesis Methodology Yielding Well-Defined Porous 75%SrTiO ₃ /25%NiFe ₂ O ₄	Nanomaterials	12/138	2022	5,72	0	Q1
7	C. Mita , M. Frenti , N. Cornei, G. Bulai, M. Dobromir, D. Mardare	N-doped ZrO ₂ thin films for photocatalytic decomposition of some harmful dyes for the environment	Ceramics International	51/ 37292–37303	2025	5,6	5,6	Q1
8	C. Mita , N. Cornei, N; Bulai, G; Dobromir, M ; Girtan, M ; Doroshkevich, A; Gyorgy, E; Mardare, D	The enhancement of the photocatalytic properties of SmFe _{0.7} Co _{0.3} O ₃ thin films by synergistic effect of Sr doping and H ₂ O ₂ as co-catalyst	Ceramics International	49/14225-14237	2023	5,5	5,5	Q1
9	A.V. Maletsky, D.R. Belichko, T.E. Konstantinova, G.K. Volkova, A.S. Doroshkevich, A.I. Lyubchyk, V.V. Burkhovetskiy, V.A. Aleksandrov, D. Mardare, C. Mita , D. Chicea, L.H. Khiem	Structure formation and properties of corundum ceramics based on metastable aliminium oxide doped with stabilized zirconium dioxide	Ceramics International	47/194489	2021	5,53	0	Q1
10	Belichko, DR ; Konstantinova, TE ; Maletsky, AV ; Volkova, GK ; Doroshkevich, AS ; Lakusta, MV ; Kulik, M ; Tatarinova, AA ; Mardare, D ; Mita, C ; Cornei, N	Influence of hafnium oxide on the structure and properties of powders and ceramics of the YSZ–HfO ₂ composition	Ceramics International	47/3142	2021	5,53	0	Q1
11	D.R. Belichko, T.E. Konstantinova, G.P. Volkova, M.N. Mirzayev, A.V. Maletsky, V.V. Burkhovetskiy, A.S. Doroskevich, C. Mita , D.M. Mardare, B. Janiska, A.A. Nabiyeu, A.I. Lyubchyk, A.A. Tatarinova, E. Popov	Effects of YSZ ceramics doping with silica and alumina on its structure and properties	Materials Chemistry and Physics	287/12637	2022	4,78	0	Q2
12	C. Mita , I. Bunia, T. Roman, D. Humelnicu	Cross-linked and functionalized polymers: efficient and reusable sorbents for Zn(II) ions in solution	Journal of Polymer and the Environment	29/3142	2021	4,705	4,705	Q1

13	C. Mita , N. Cornei, M. Frenti, G. Bulai, M. Dobromir, V. Tiron, A. Doroshkevich, D. Mardare, D	Photocatalytic activity of N-Doped ZrO ₂ thin films determined by direct and indirect irradiation	Materials	16/5901	2023	3,7	3,7	Q1
14	D. Mardare, M. Frenti, C. Mita , N. Cornei, G. Bulai, M. Dobromir, A. Doroshkevich, A. Yildiz	Electrical conduction mechanism of Mg-doped ZrO ₂ thin films	Materials	17/3652	2024	3,2	3,2	Q1
15	Mardare, D; Cornei, N ; Mita, C ; Florea, D ; Stancu, A ; Tiron, V; Manole, A ; Adomnitei, C	Low temperature TiO ₂ based gas sensors for CO ₂	Ceramics International	42/7353	2016	2,99	0	Q1
16	Mirzayev, MN; Slavov, L; Donkov, A; Neov, D; Popov, E; Demir, E; Genov, I; Abdurakhimov, B; Vladescu, A; Biira, S; Karaman, T; Sharipov, Z; Doroshkevich, A; Mirzayeva, D; Mustafayev, I; Mahmudov, H; Belova, M; Mamedov, F; Thang, T; Stef, M; Mita, C	Effects of neutron irradiation at different fluencies on nanosized anatase titanium dioxide	Radiation Physics and Chemistry	194/109988	2022	2,78	0	Q1
17	A. S. Doroshkevich, E.P. Popov, A. K. Kirillov, C. Mita , N. Cornei, A. A. Tatarinova, D. Chicea, Zh. V. Mezentseva, E. B. Asgerov, N.O. Appazov, B. L. Oksengendler, D. M. Mirzayeva, E. Demir, M. N. Mirzayev	Specificity of structural-energy state of water adsorption layer of YSZ nanoparticles system at critically low degree of hydration	Journal of Nanoparticle Research	27/315	2025	2,60	0	Q2
18	S. Feraru, A.I. Borhan, P. Samoila, C. Mita , S. Cucu-Man, A.R. Iordan, M.N. Palamaru	Development of visible-light-driven Ca ₂ Fe _{1-x} Sm _x BiO ₆ double perovskites for decomposition of Rhodamine 6G dye	Journal of Photochemistry and Photobiology A: Chemistry	1-8/307	2015	2,49	0	Q4
19	P.L. Tuan, M. Kulik, T.V. Phuc, A.I. Madadzada, T.Yu. Zelenyak, M. Turek, J. Z'uk, C. Mita , A. Stanculescu, A.S. Doroshkevich, B. Jasinska, L.H. Khiem, N.N. Anh, N.T. Bao My	Pseudo-dielectric function spectra of the near surface layer of GaAs implanted with various fluence of Xe ⁺ ions	Thin solid films	756/139376	2022	2,36	0	Q3
20	Mardare, D; Mita, C ; Cornei, N ; Tascu, S ; Luca, D; Dobromir, M ; Adomnitei, C	Platinum role in hydrophilicity of Cr-doped TiO ₂ thin films	Pyilososophical Magazine	96/3000	2016	1,51	0	Q2
21	D. Humelnicu, E. Popovici, E. Dvininov, C. Mita	Study on the retention of uranyl ions on modified clays with titanium oxide	Journal of Radioanalytical and Nuclear chemistry	279/131	2009	1,27	0	Q3
22	D. Sibiescu, C. Mita , M. Vizitiu	New complex compounds with β-aminobutyric acid bidentate ligand for	Environmental Engineering and	4/755	2018	1,17	1,17	Q3

		potential application in sustainable agriculture,	Management Journal					
23	Frenti, M ; Mita, C ; Cornei, N ; Tiron, V ; Bulai, G ; Dobromir, M ; Doroshkevich, A ; Mardare, D	ZrO ₂ for photocatalytic applications	University Politehnica of Bucharest Scientific Bulletin-Series A-Applied Mathematics and Physics	85/165-176	2023	1,16	0	Q3
24	P. Horlescu, D. Sutiman, C. S. Stan, C. Mita , C. Peptu, M. E. Fortuna, C. Albu	New complexes of 2-(1h-1, 2, 4-triazol-3-yl) pyridine with Co(II), Cd(II), Rh(III), ions: synthesis, structure, properties and potential applications	Environmental Engineering and Management Journal	14(2)/383-391	2015	1,10	0	Q4
25	P. Horlescu, D. Sutiman, C. S. Stan, C. Mita , C. Peptu, M. E. Fortuna, C. Albu	New complexes of 2-(1h-1, 2, 4-triazol-3-yl) pyridine with Co(II), Cd(II), Rh(III), ions: synthesis, structure, properties and potential applications,	Environmental Engineering and Management Journal	14/383	2015	1,10	0	Q4
26	M-L Craus, N. Cornei, C. Miță , I. Berdan, M. N. Palamaru	The magnetoresistance of (Tb _{1-x} Sm _x) _{0.6} Sr _{0.4} MnO ₃ -gamma manganites	Ceramics International	30/447	2004	1,04	0	Q1
27	C. Rosca, V.Sunel, M. Cretu, C Mita , N. Apostolescu, D. Mareci, C. Munteanu, I. Rusu. D. Sibiescu, C. Stan, D. Sutiman	Synthesis, characterisation and toxicity analysis of some Mn(II), Co(II), Ni(II) and Cu(II) complexis with N-p-nitrobenzoyl-alfa-phenylalanine	Asian Journal of Chemistry	27/4510	2015	0,45	0	Q4
28	P. Horlescu, C. S. Stan, D. Sutiman, C. Peptu, C. Mita	Synthesis, Structure and Luminescent Properties of New Ce(III), Dy(III), Ho(III) and Tm(III) Complexes with 2-(1H-1,2,4-Triazol-3-yl)pyridine	Asian Journal of Chemistry	27/4461	2015	0,45	0	Q4
					Total	97,08	30,17	

Nr. crt.	Cărți publicate
1	M.N. Palamaru, A.F. Popa, C. Mita , M. Goanta, D. Humelnicu, N. Cornei, Bazele chimiei anorganice. Lucrari practice si aplicatii, Ed. Univ. "Al. Ioan Cuza" din Iasi, 2003
2	C. Mita , M. Goanta, D. Humelnicu, Lucrari practice de chimia nemetalelor, Ed. Unuv. "Al. I. Cuza" din Iasi, 1998
3	D. Cozma, M. Goanta, D. Humelnicu, C. Mita , A. Pui, Exercitii si probleme de Chimie anorganica, Ed. Univ. "Al. I. Cuza" din Iasi, 1996

Lect. univ. dr. Carmen MÎȚĂ