

Fișa de îndeplinire a standardelor minime stabilite de CNATDCU, Comisia Chimie

Găină Ioana Luiza



TABEL CENTRALIZATOR						
Categorie	N_{max}	FIC	FIC _D	FIC _{AP}	FIC _{AC}	h index
Abilitare	50	199,3	199,3	63,1	43,1	17
<i>critérii minime</i>	<i>50</i>	<i>100</i>	<i>70</i>	<i>50</i>	<i>25</i>	<i>13</i>

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

Articolele sunt prezentate în ordinea crescătoare a factorului de impact.

Nr.Articol	Titlul articolului	Autorii	Revista	DOI/WOS	ISSN	IF 2023	Autor de corespondență	Prim-autor	FIC (AP)	FIC (AC)	Anul publicării	Numar citari
1	Eco-friendly indigo carmine-loaded chitosan coatings for improved anti-corrosion protection of zinc substrates	A.F. Szoke, G.S., Szabo, Z. Horvolgyi, E. Albert, L.Gaina , L. M. Muresan	Carbohydrate Polymers	10.1016/j.carbpol.2019.03.077	0144-8617	10,7	No	No			2019	48
2	Multiscale electrochemical analysis of the corrosion control of bronze in simulated acid rain by horse-chestnut (Aesculus hippocastanum L.) extract as green inhibitor	S. Varvara, G. Caniglia, J. Izquierdo, R. Bostan, L.Gaina , R.M. Souto	Corrosion Science	10.1016/j.corsci.2019.108381	0010-938X	7,4	No	No			2020	46
3	Evaluation of some phenothiazine derivatives as corrosion inhibitors for bronze in weakly acidic solution	R. Bostan, S. Varvara, L.Gaina , L. Muresan	Corrosion Science	10.1016/j.corsci.2012.06.010	0010-938X	7,4	No	No			2012	61

4	Protective effect of inhibitor-containing nitrocellulose lacquer on artificially patinated bronze	R. Bostan, S. Varvara, L. Gaina , T. Petrisor Jr., L. M. Muresan	Progress in Organic Coatings	10.1016/j.porgcoat.2016.08.004	0300-9440	6,5	No	No			2017	14
5	Propolis as a green corrosion inhibitor for bronze in weakly acidic solution	S.Varvara, R. Bostan, O. Bobis, L. Gaina , F. Popa, V. Mena, R. M. Souto	Applied Surface Science	10.1016/j.apsusc.2017.07.230	0169-4332	6,3	No	No			2017	77
6	Antibacterial drugs as corrosion inhibitors for bronze surfaces in acidic solutions	I. Rotaru, S. Varvara, L. Gaina , L.M. Muresan	Applied Surface Science	10.1016/j.apsusc.2014.09.201	0169-4332	6,3	No	No			2014	53
7	Antibody-functionalized theranostic protein nanoparticles for the synergistic deep red fluorescence imaging and multimodal therapy of ovarian cancer	R. Borlan, M. Focsan, M. Perde-Schrepler, O. Soritau, A. Campu, L. Gaina , E. Pall, B. Pop, O. Baldasici, C. Gherman, D. Stoia, D. Maniu, S. Astilean	Biomaterials Science	10.1039/d1bm01002f	2047-4830	5,8	No	No			2021	6
8	Cotton fabric coated with graphene oxide nanosheets and CuO nanoparticles as a "dip catalyst" for the photocatalytic degradation of dyes.	A. Majdoub, M. Majdoub, L. Gaina , F. Khalil, H. Zaitan.	Colloids and Surfaces A: Physicochemical and Engineering Aspects	10.1016/j.colsurfa.2024.135670	0927-7757	4,9	No	No			2024	0
9	Novel (Phenothiazinyl)Vinyl-Pyridinium Dyes and Their Potential Applications as Cellular Staining Agents	B. Stoean, D. Rugina, M. Focsan, AM.Craciun, M. Nistor, T. Lovasz, A. Turza, D. Porumb, E. Gal, C. Cristea, L. Silaghi-Dumitrescu, S. Astilean, L. Gaina*	International Journal of Molecular Sciences	10.3390/ijms22062985	1422-0067	4,9	Yes	No	4,9	5,6	2021	9
10	Novel Phenothiazine-Bridged Porphyrin-(Hetero)aryl dyads: Synthesis, Optical Properties, In Vitro Cytotoxicity and Staining of Human Ovarian Tumor Cell Lines	E. Molnar, E. Gal, L. Gaina , C. Cristea, E. Fischer-Fodor, M. Perde-Schrepler, P. Achimas-Cadariu, M. Focsan, L. Silaghi-Dumitrescu	International Journal of Molecular Sciences	10.3390/ijms21093178	1422-0067	4,9	No	No		0	2020	10
11	Novel Thiazolo [5,4-b] phenothiazine Derivatives: Synthesis, Structural Characterization, and In Vitro Evaluation of Antiproliferative Activity against Human Leukaemia	B. Brem, E. Gal, L. Gaina , L. Silaghi-Dumitrescu, E. Fischer-Fodor, C. I. Tomuleasa, A. Grozav, V. Zaharia, L. Filip, C. Cristea	International Journal of Molecular Sciences	10.3390/ijms18071365	1422-0067	4,9	No	No			2017	15

12	The Synthesis and Antiproliferative Activities of New Arylidene-Hydrazinyl-Thiazole Derivatives	A. Grozav, L. Gaina* , V. Pileczki, O. Crisan, L. Silaghi-Dumitrescu, B. Therrien, V. Zaharia, I. Berindan-Neagoe	International Journal of Molecular Sciences	10.3390/ijms151222059	1422-0067	4,9	Yes	No	4,9	4,9	2014	50
13	Microwave-assisted synthesis of phenothiazine and quinoline derivatives	L. Gaina , C. Cristea, C. Moldovan, D. Porumb, E. Surducian, C. Deleanu, A. Mahamoud, J. Barbe, I. Silberg	International Journal of Molecular Sciences	10.3390/ijms151222059	1422-0067	4,9	No	Yes	4,9		2007	31
14	Dual-emissive solid-state histidine-stabilized gold nanoclusters for applications in white-light generation	M. Zetes, A.M. Hada, M. Todea, L.I. Gaina , S. Astilean, A.M. Craciun	Nanoscale Advances	10.1039/d3na00555k	2516-0230	4,6	No	No			2023	2
15	Transient radical species and oxygen colorimetric indicators grounded on phenothiazinium dyes. Spectrochimica Acta part A-Molecular and Biomolecular	B. Stoean, M. Lehene, C. Zagrean-Tuza, R. Silaghi-Dumitrescu, C. Cristea, L. Gaina*	Spectrochimica Acta part A-Molecular and Biomolecular Spectroscopy	10.1016/j.saa.2024.124602	1386-1425	4,3	Yes	Yes	4,3	4,3	2024	2
16	Sonochemical synthesis, optical properties and DFT studies on novel (N-arylamino)phenothiazinium dyes suitable for fluorescence cells	M. Gal, L. Gaina , T. Lovasz, E. Gal, AM. Craciun, M. Focsan, A. Turza, D. Rugina, D A.M.V. Brânzanic, S. Pesek, R. Silaghi-Dumitrescu	Spectrochimica Acta part A-Molecular and Biomolecular Spectroscopy	10.1016/j.saa.2024.124768	1386-1425	4,3	No	No			2024	2
17	Microwave-Assisted Synthesis of New Selenazole Derivatives with Antiproliferative Activity	A. Ignat-Grozav*, L. Gaina* , V. Kuete, T. Efferth, L. Silaghi-Dumitrescu, V. Zaharia	Molecules	10.3390/molecules18044679	1420-3049	4,2	Yes	No	4,2	4,6	2013	23
18	Cytotoxicity and Antioxidant Potential of Novel 2-(2-((1H-indol-5yl)methylene)-hydrazinyl)-thiazole Derivatives	A. Grozav, I.D. Porumb, L. Gaina* , L. Fililip*, D. Hanganu	Molecules	10.3390/molecules22020260	1420-3049	4,2	Yes	No	4,2	4,6	2017	53
19	Design and Synthesis of Novel 1,3-Thiazole and 2-Hydrazinyl-1,3-Thiazole Derivatives as Anti-Candida Agents: In Vitro Antifungal Screening, Molecular Docking Study, and Spectroscopic Investigation of their Binding Interaction with Bovine Serum Albumin	A.I. Pricopie, I. Ionuț, G. Marc, A.M. Arseniu, L. Vlase, A. Grozav, L. Gaina , D. C. Vodnar, A. Pirnau, B. Tipericiuc, O. Oniga	Molecules	10.3390/molecules24193435	1420-3049	4,2	No	No			2019	34

20	Novel 2,4-Disubstituted-1,3-Thiazole Derivatives: Synthesis, Anti-Candida Activity Evaluation and Interaction with Bovine Serum Albumine	A. I. Pricopie, M. Focsan, I. Ionut, G. Marc, L. Vlase, L. Gaina , D. C. Vodnar, E. Simon, G. Barta, A. Pirnau, O. Oniga	Molecules	10.3390/molecules25051079	1420-3049	4,2	No	No			2020	17
21	Ethyne functionalized meso-phenothiazinyl-phenyl-porphyrins: synthesis and optical properties of free base versus protonated species	E. Molnar, E. Gal, L. Gaina , C. Cristea, L. Silaghi-Dumitrescu	Molecules	10.3390/molecules25194546	1420-3049	4,2	No	No			2020	3
22	Fluorescent Phthalocyanine-Encapsulated Bovine Serum Albumin Nanoparticles: Their Deployment as Therapeutic Agents in the NIR Region	R. Borlan, D. Stoia, L. Gaina , A. Campu, G. Marc, M. Perde-Schrepler, M. Silion, D. Maniu, M. Focsan, S.Astolean	Molecules	10.3390/molecules26154679	1420-3049	4,2	No	No			2021	11
23	Meso-substituted AB3-type phenothiazinyl-porphyrins and their indium and zinc complexes photosensitizing properties, cytotoxicity and phototoxicity on ovarian cancer cells.	B. Brem, B. Stoean (Vasile), E. Molnar, E. Fischer-Fodor, O. Balacescu, R. Borlan, M. Focsan, A. Grozav, P. Achimas-Cadariu, E. Gal*, L. Gaina* .	RSC Medicinal Chemistry	10.1039/D4MD00601A	2632-8682	4,1	Yes	Yes	4,1	4,1	2024	0
24	Novel Meso-Phenothiazinyl-Porphyrin Dyes: Synthesis, Optical, Electrochemical Properties and PDT assay	E. Gal, B. Brem, I. Pereteanu, L. Gaina , T. Lovasz, M. Perde-Schrepler, L. Silaghi-Dumitrescu, C. Cristea, L. Silaghi-Dumitrescu	Dyes and Pigments	10.1016/j.dyepig.2013.04.034	0143-7208	4,1	No	No			2013	19
25	Microwave assisted synthesis, photophysical and redox properties of phenothiazinyl-vinyl-pyridinium dyes	L. Gaina , I. Torje, E. Gal, A. Lupan, C. Bischin, R. Silaghi-Dumitrescu, G. Damian, P. Lönnecke, C. Cristea, L. Silaghi-Dumitrescu	Dyes and Pigments	10.1016/j.dyepig.2013.10.044	0143-7208	4,1	No	Yes	4,1		2014	23
26	Metallo complexes of meso-phenothiazinylporphyrins: Synthesis, Linear and nonlinear optical properties	B. Brem, E. Gal, L. Gaina , C. Cristea, A M Gabudean S. Astolean, L. Silaghi-Dumitrescu	Dyes and Pigments	10.1016/j.dyepig.2015.08.021	0143-7208	4,1	No	No			2015	19
27	The influence of bonding topology on the electronic properties of new Schiff bases containing phenothiazine building blocks	E. Gal, L. Gaina , C. Cristea, V. Munteanu, L. Silaghi-Dumitrescu	Journal of Electroanalytical Chemistry	10.1016/j.jelechem.2016.03.019	1572-6657	4,1	No				2016	12

28	Enhanced one- and two-photon excited fluorescence of cationic (phenothiazinyl)vinyl-pyridinium chromophore attached to polyelectrolyte-coated gold nanorods	A.M. Craciun, M. Focsan, L. Gaina , S. Astilean	Dyes and Pigments	10.1016/j.dyepig.2016.08.033	0143-7208	4,1	No	No	0	2017	10	
29	New methylene blue analogues with N-piperidinyl-carbinol units: Synthesis, optical properties and in vitro internalization in human ovarian cancer cells	Bianca Stoean, Luiza Gaina Castelia Cristea Radu Silaghi-Dumitrescu Adrian M.V.Branzanic Monica Focsan EvaFischerFodor BogdanTigu Cristian Moldovan Andra Diana Cecan Patriciu Achimas-Cadariu Simion Astilean Luminita Silaghi-Dumitrescu	Dyes and Pigments	10.1016/j.dyepig.2022.110460	0143-7208	4,1	No	No		2022	10	
30	New fluorescent electrospun polymer materials containing phenothiazinyl carboxylate metal salts for versatile latent fingerprint detection	Melinda Gal, Castelia Cristea, Ana Maria Craciun, AlexandruTurza, Lucian Barbu-Tudorandl, Brem Balazs, Tamas Lovasz, LuminitaSilaghi-Dumitrescu, L. Gaina*	Dyes and Pigments	10.1016/j.dyepig.2023.111085	0143-7208	4,1	Yes	No	4,1	4,1	2023	3
31	Outcomes of folic acid esterification upon the properties of hydrophilic phenothiazinium dyes: New photosensitizers for antimicrobial photodynamic therapy	B. Stoean, I. Lupan, C. Cristea, M. Silion, L. Silaghi-Dumitrescu, R. Silaghi-Dumitrescu, L. Gaina*	Journal of Photochemistry and Photobiology A: Chemistry	10.1016/j.jphotochem.2024.115500	1010-6030	4,1	Yes	No	4,1	4,1	2024	3
32	Optical properties of new 5-(phenothiazinyl)methylidenebarbituric acid derivatives	E. Gal, B. Brem, L. Gaina , A.M. Craciun, C. Cristea, L. Silaghi-Dumitrescu	Journal of Molecular Structure	10.1016/j.molstruc.2021.131334	0022-2860	4	No	No			2022	1
33	New fluorescent phenothiazine carboxylates for fluorescent nanomaterials	M. Gal, C. Cristea, T. Lovasz, A.M. Craciun, A. Turza, D. Porumb, E. Gal, G. Katona, L. Silaghi-Dumitrescu, L. Gaina*	Journal of Molecular Structure	10.1016/j.molstruc.2021.131174	0022-2860	4	Yes	No	4	4	2021	3
34	Synthesis, Characterization, DFT mechanistic study, Antibacterial Activity, Molecular modeling, and ADMET properties of novel chromone-isoxazole hybrids.	R. Bouzammit, S. Belchkar, M. El Fadili, Y. Kanzouai, N. Aflak, M. Chalkha, L. Bahsis, A. Nakkabi, M. Bakhouch, E. Gal, L. Gaina , G. Al Houari.	Journal of Molecular Structure	10.1016/j.molstruc.2024.138770	0022-2860	4	No	No			2024	2

35	Structure elucidation and DFT-study on substrate-selective formation of chalcones containing ferrocene and phenothiazine units. Study on ferrocenes, Part 17	T. Lovasz, G. Turos, L. Gaina , A. Csampai, D. Frigyes, B. Fabian; I. Silberg, P. Sohar	Journal of Molecular Structure	10.1016/j.molstruc.2005.04.037	0022-2860	4	No	No			2005	10
36	Platinum(II/IV) complexes with N-substituted carboxylate ethylenediamine / propylenediamine ligands: preparation, characterization and in vitro activity	Stefan Richter, Peter Lönnecke, Dijana Bovan, Nicoleta Andrian, Bianca Stoean, Maria Lehene, Radu Silaghi-Dumitrescu, Luiza Gaina , Sanja Mijatović.	Dalton Transactions	10.1039/D4DT03041A	1477-9226	4	No	No			2025	0
37	Tuning the coordination properties of phenothiazine by regioselective introduction of diphenylphosphanyl groups	I. H. Filip, E. Gal, I. Lupan, M. Perde-Schrepler, P. Lönnecke, M. Surducian, L. Gaina , E. Hey-Hawkins and L. Silaghi-Dumitrescu	Dalton Transactions	10.1039/c4dt02665a	1477-9226	3,5	No	No			2015	9
38	Real-time fluorescence imaging of anthocyanins complexed with diphenylboric acid 2-aminoethyl inside B16–F10 melanoma cells	M. Nistor, M. Focsan, L. Gaina , M. Cenariu, A. Pintea, C. Socaciu, D. Rugina	Phytochemistry	10.1016/j.phytochem.2021.112849	0031-9422	3,2	No	No			2021	3
39	Arene Ruthenium Complexes Specifically Inducing Apoptosis in Breast Cancer Cells.	A. Grozav*, T. Cheminel, A. Jurj, O. Zanoaga, L. Ruduly, C. Braicu, I. Berindean-Neagoie, O. Crisan, L. Gaina* , B. Therrien*.	Inorganics	10.3390/inorganics12110287	2304-6740	3,1	Yes	Yes	3,1	3,1	2024	
40	(E)-3-(2-Alkyl-10H-phenothiazin-3-yl)-1-arylprop-2-en-1-ones: preparative, IR, NMR and DFT study on their substituent-dependent reactivity in hydrazinolysis and sonication-assisted oxidation with copper(II) nitrate.	L. Gaina , A. Csampai, G. Turos, T. Lovasz, V. Zsoldos-Mady, I. Silberg, P. Sohar	Organic & Biomolecular Chemistry	10.1039/b608455a	1477-0520	2,9	No	Yes	2,9		2006	23
41	Microwave-assisted Catalytic Amination of Phenothiazine – Reliable Access to Phenothiazine Analogues of Tröger's Base	L. Gaina , L. Mataranga-Popa, E. Gal, P. Boar, P. Lönnecke, E. Hey-Hawkins, C. Bischin, R. Silaghi-Dumitrescu, I. Lupan, C. Cristea, L. Silaghi-Dumitrescu	European Journal of Organic Chemistry	10.1002/ejoc.201300480	1434-193X	2,5	No	Yes	2,5		2013	10

42	Ultrasound-assisted Strecker synthesis of novel 2-(hetero)aryl-2-(arylamino)acetonitrile derivatives	E. Gal, L. Gaina , H. Petkes, Al. Pop, C. Cristea, G. Barta, D.C. Vodnar, L. Silaghi-Dumitrescu	Beilstein Journal of Organic Chemistry	10.3762/bjoc.16.242	1860-5397	2,2	No	No			2020	2
43	New Schiff bases derived from 3-formyl-10-alkyl-phenothiazine I. NMR and UV-Vis structural assignments	L. Gaina , T. Lovasz, I. Silberg, C. Cristea, S. Udrea	Heterocyclic Communications	10.1515/HC.2001.7.6.549	0793-0283	1,3	No	Yes	1,3		2001	14
44	Synthesis, structural investigations, and DFT calculations on novel 3-(1,3-dioxan-2-yl)-10-methyl-10H-phenothiazine derivatives with fluorescence properties	L. Gaina , E. Gal, L. Mataranga-Popa, D. Porumb, A. Nicolescu, C. Cristea, L. Silaghi-Dumitrescu	Tetrahedron	10.1016/j.tet.2012.01.068	0040-4020	2,1	No	Yes	2,1		2011	17
45	On the microwave-assisted synthesis of acylphenothiazine derivatives - Experiment versus theory synergism	L. Gaina , D. Porumb, I. Silaghi-Dumitrescu, C. Cristea, L. Silaghi-Dumitrescu	Canadian Journal of Chemistry- Revue Canadienne de Chimie	10.1139/V09-163	0008-4042	1,1	No	Yes	1,1		2010	18
46	Synthesis and structural assignments of new long-chain alkyldioxy-bis-diphenylamines and phenothiazines	L. Gaina , T. Lovasz, C. Cristea, I. Silberg, C. Deleanu	Revue Roumaine de Chimie	WOS:000188426500006	0035-3930	0,4	No	Yes	0,4		2003	2
47	Aryl-substituted phenothiazinyl-enones - I. Synthesis and structural NMR assignments	L. Gaina , C. Cristea, I. Silberg, T. Lovasz, S. Udrea	Revue Roumaine de Chimie	WOS:000185143200007	0035-3930	0,4	No	Yes	0,4		2002	5
48	Microwave-assisted synthesis of phenothiazine sulfoxide derivatives	L. Gaina , M. Surducan, C. Cristea, L. Silaghi-Dumitrescu	Studia Universitatis Babes-Bolyai Chemia	WOS:000271616800007	1224-7154	0,5	No	Yes	0,5		2009	0
48	Sonochemical synthesis of some chalconetricarbonyliron(0) complexes	L. Gaina , A. Iftimia, M. Surducan, C. Cristea, L. Silaghi-Dumitrescu	Studia Universitatis Babes-Bolyai Chemia	WOS:000273150500004	1224-7154	0,5	No	Yes	0,5	0	2008	1
50	Microwaves assisted N-alkylation of phenothiazine	L. Gaina , T. Dallos, C. Cristea, T. Lovasz, I. Pereteanu, M. Surducan, L. Silaghi-Dumitrescu.	Studia Universitatis Babes-Bolyai Chemia	WOS:000289655500009	1224-7154	0,5	No	Yes	0,5	0	2010	1
						199,3			63,1	43,4		

TABEL CENTRALIZATOR

Categorie	N _{max}	FIC	FIC _D	FIC _{AP}	FIC _{AC}	h index
Profesor/CSI/Abilitare	50	199,3	199,3	63,1	43,4	17
<i>criterii minimale</i>	<i>50</i>	<i>100</i>	<i>70</i>	<i>50</i>	<i>25</i>	<i>13</i>

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