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

Găină Ioana Luiza

TABEL CENTRALIZATOR						
Categorie	**N_{max}**	**FIC**	**FIC_D**	**FIC_{AP}**	**FIC_{AC}**	**h index**
Abilitare	**50**	**196,16**	**196,16**	**56,5**	**33**	**17**
criterii minimale	***50***	***100***	***70***	***50***	***25***	***13***

Nmax – 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

FICD - factorul de impact cumulat minimal din publicații în domeniile de cercetare declarate

FICAP - factorul de impact cumulat minimal din publicații în calitate de autor principal (prim-autor și autor de corespondență

FICAC - 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 2022	Autor de corespondenta	Prim-autor	FIC (AP)	FIC (AC)	Anul publicarii	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	**11,1**	No	No			2019	42
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	**8,3**	No	No			2020	36

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	**8,3**	No	No			2012	56
4	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	**6,7**	No	No			2017	69
5	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	**6,7**	No	No			2014	51
6	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	**6,6**	No	No			2021	5
7	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	**6,6**	No	No			2017	12
8	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	**5,6**	Yes	No	5,6	5,6	2021	7
9	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	**5,6**	No	No		0	2020	7
10	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	**5,6**	No	No			2017	12
11	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	**5,6**	Yes	No	5,6	5,6	2014	45

12	Microwave-assisted synthesis of phenothiazine and quinoline derivatives	**L. Gaina**, C. Cristea, C. Moldovan, D. Porumb, E. Surducan, C. Deleanu, A. Mahamoud, J. Barbe, I. Silberg	International Journal of Molecular Sciences	10.3390/i8020070	1422-0067	**5,6**	No	Yes	5,6		2007	31
13	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	**4,7**	No	No			2023	0
14	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	**4,6**	Yes	No	4,6	4,6	2013	21
15	Cytotoxicity and Antioxidant Potential of Novel 2-(2-((1H-indol-5yl)methylene)-hydrazinyl)-thiazole Derivatives	A. Grozav, I.D. Porumb, **L. Gaina***, L. Filip*, D. Hanganu	Molecules	10.3390/molecules22020260	1420-3049	**4,6**	Yes	No	4,6	4,6	2017	48
16	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. Tiperciuc, O. Oniga	Molecules	10.3390/molecules24193435	1420-3049	**4,6**	No	No			2019	28
17	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	**4,6**	No	No			2020	10
18	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	**4,6**	No	No			2020	3
19	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.Astilean	Molecules	10.3390/molecules26154679	1420-3049	**4,6**	No	No			2021	9
20	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	**4,5**	No	No			2013	17

21	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	**4,5**	No	Yes	4,5		2014	23
22	Metallo complexes of meso-phenothiazinylporphyrins: Synthesis, Linear and nonlinear optical properties	B. Brem, E. Gal, **L. Gaina**, C. Cristea, A M Gabudean S. Astilean, L. Silaghi-Dumitrescu	Dyes and Pigments	10.1016/j.dyepig.2015.08.021	0143-7208	**4,5**	No	No			2015	19
23	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	**4,5**	No				2016	10
24	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	**4,5**	No	No		0	2017	9
25	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	**4,5**	No	No			2022	5
26	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	**4,5**	Yes	No	4,5	4,5	2023	3
27	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	**4,3**	Yes	No	4,3	4,3	2024	0

28	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. Surducan, **L. Gaina**, E. Hey-Hawkins and L. Silaghi-Dumitrescu	Dalton Transactions	10.1039/c4dt02665a	1477-9226	**4**	No	No			2015	9
29	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	**3,8**	No	No			2022	1
30	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	**3,8**	Yes	No	3,8	3,8	2021	3
31	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	**3,8**	No	No			2021	3
32	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	**3,8**	No	No			2005	10
33	(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	**3,2**	No	Yes	3,2		2006	23
34	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. Lonnecke, 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	**2,8**	No	Yes	2,8		2013	10
35	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	**2,7**	No	No			2020	1

36	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	**2,3**	No	Yes	2,3		2001	14
37	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	16
38	Synthesis and stereochemistry of some heterocyclic saturated compounds based on l-p-nitrophenylserinol skeleton	M. Darabantu, G. Ple, S. Mager, E. Cotora, **L. Gaina**, L. Costas, A. Mates	Tetrahedron	10.1016/S0040-4020(96)01104-0	0040-4020	**2,1**	No	No			1997	20
39	Synthesis and stereochemistry of some heterocyclic saturated compounds based on l-p-nitrophenylserinol skeleton .2. 1-Aza-3,7-dioxabicyclo[3.3.0.]octanes	M. Darabantu, G. Ple, S. Mager, **L. Gaina**, C. Cotora, A. Mates , L. Costas	Tetrahedron	10.1016/S0040-4020(96)01105-2	0040-4020	**2,1**	No	No			1997	23
40	Thiadiazole derivatives as inhibitors for acidic media corrosion of artificially patinated bronze	S. Varvara, R. Bostan, **L. Gaina**, L. Muresan	Materials and Corrosion	10.1002/maco.201307072	0947-5117	**1,8**	No	No			2014	9
41	Synthesis and antibacterial properties of new phenothiazinyl-and phenyl-nitrones	H. I. Petkes, E. Gal, **L. Gaina**, M. Sabou, C. Majdik, L. Silaghi Dumitrescu	Comptes Rendus Chimie	10.1016/j.crci.2013.12.011	1631-0748	**1,6**	No	No			2014	4
42	Some phenothiazinyl-thiazolyl-hydrazine derivatives as corrosion inhibitors for carbon steel in 1.0 M HCl: Electrochemical, SEM-EDX and DFT investigations	S.Varvara, **L. Gaina**, R. Bostan, F. Popa, A. Grozav	International Journal of Electrochemical Science	10.20964/2018.09.32	1452-3981	**1,5**	No	No			2018	3
43	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
44	Application of phase transfer catalysis (PTC) without solvent in organic synthesis. IV - Selective O-alkylation of hydroxy-phenothiazine and hydroxy-diphenylamine derivatives	M. Vlassa, I. Silberg, **L. Gaina**	Journal fur Praktische Chemie-Chemiker-Zeitung	10.1002/prac.19983400613	0941-1216	**0,86**	No	No			1998	1

45	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	**0,5**	No	Yes	0,5		2003	2
46	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	**0,5**	No	Yes	0,5		2002	5
47	Synthesis of novel (phenothiazinyl) dipyrrolylmethanes	B. Brem, E. Gal, **L. Gaina**, C. Cristea, L. Silaghi-Dumitrescu	Revue Roumaine de Chimie	WOS:000358028000005	0035-3930	**0,5**	No	No			2014	2
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	**0,3**	No	Yes	0,3		2009	0
49	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	**0,3**	No	Yes	0,3	0	2008	1
50	Microwaves asssited 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	**0,3**	No	Yes	0,3	0	2010	1

TABEL CENTRALIZATOR

Categorie	N_{max}	FIC	FIC_D	FIC_{AP}	FIC_{AC}	h index
Profesor/CSI/Abilitare	**50**	**196,16**	**196,16**	**56,5**	**33**	**17**
criterii minimale	***50***	***100***	***70***	***50***	***25***	***13***

Găină Ioana Luiza

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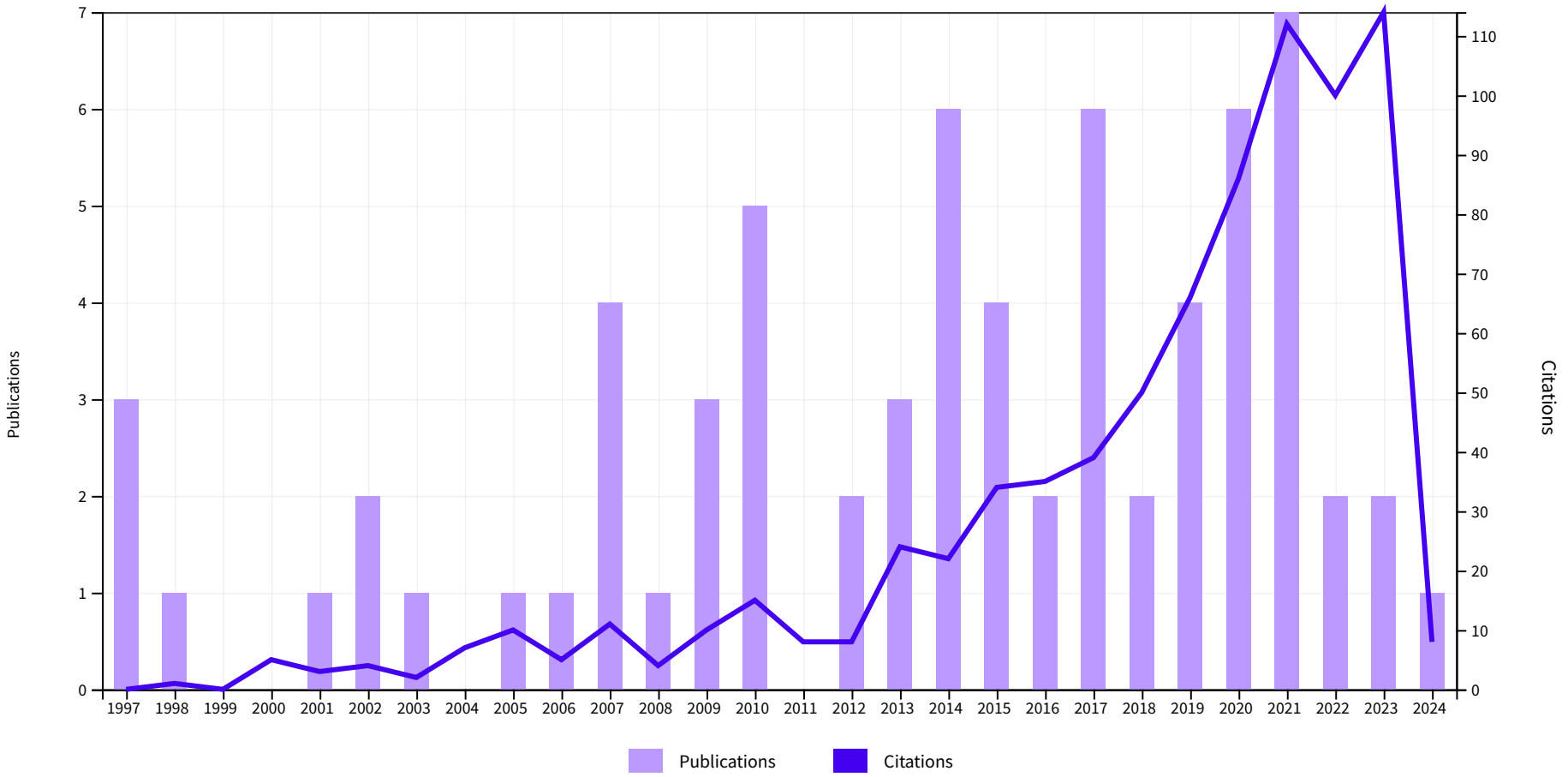

70 Publications

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	Citations						
	< Previous year				Next year >	Average per year	Total
	2020	2021	2022	2023	2024		

	Total	86	112	100	114	8	29	783
1	Propolis as a green corrosion inhibitor for bronze in weakly acidic solution Varvara, S; Bostan, R; (...); Souto, RM Dec 31 2017 | APPLIED SURFACE SCIENCE 426 , pp.1100-1112	16	11	5	9	0	8.63	69
2	Evaluation of some phenothiazine derivatives as corrosion inhibitors for bronze in weakly acidic solution Bostan, R; Varvara, S; (...); Muresan, LM Oct 2012 | CORROSION SCIENCE 63 , pp.275-286	7	4	8	1	1	4.31	56
3	Antibacterial drugs as corrosion inhibitors for bronze surfaces in acidic solutions Rotaru, I; Varvara, S; (...); Muresan, LM Dec 1 2014 | APPLIED SURFACE SCIENCE 321 , pp.188-196	5	10	6	5	0	4.64	51
4	Cytotoxicity and Antioxidant Potential of Novel 2-(2-((1*H*-indol-5yl)methylene)-hydrazinyl)-thiazole Derivatives Grozav, A; Porumb, ID; (...); Hanganu, D Feb 2017 | MOLECULES 22 (2)	7	8	10	6	1	6	48
5	The Synthesis and Antiproliferative Activities of New Arylidene-Hydrazinyl-Thiazole Derivatives Grozav, A; Gaina, LI; (...); Berindan-Neagoe, I	10	5	7	5	0	4.09	45

	Dec 2014 | INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 15 (12) , pp.22059-22072							
⊖ 6	Eco-friendly indigo carmine-loaded chitosan coatings for improved anti-corrosion protection of zinc substrates Szóke, AF; Szabó, GS; (...); Muresan, LM Jul 1 2019 | CARBOHYDRATE POLYMERS 215 , pp.63-72	10	5	10	14	0	7	42
⊖ 7	Multiscale electrochemical analysis of the corrosion control of bronze in simulated acid rain by horse-chestnut (*Aesculus hippocastanum L.*) extract as green inhibitor Varvara, S; Caniglia, G; (...); Souto, RM Apr 1 2020 | CORROSION SCIENCE 165	3	7	14	11	1	7.2	36
⊖ 8	Microwave-assisted synthesis of phenothiazine and quinoline derivatives Gaina, L; Cristea, C; (...); Silberg, IA Feb 2007 | INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 8 (2) , pp.70-80	1	0	0	3	1	1.72	31
⊖ 9	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 Pricopie, AI; Ionut, I; (...); Oniga, O Oct 2019 | MOLECULES 24 (19)	4	10	5	9	0	4.67	28
		4	5	2	2	0	2.09	23

10	Microwave assisted synthesis, photophysical and redox properties of (phenothiazinyl)vinyl-pyridinium dyes Gaina, L; Torje, I; (...); Silaghi-Dumitrescu, L Mar 2014 | DYES AND PIGMENTS 102 , pp.315-325							
11	(*E*)-3-(2-Alkyl-10*H*-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 Gaina, L; Csámpai, A; (...); Sohár, P 2006 | ORGANIC & BIOMOLECULAR CHEMISTRY 4 (23) , pp.4375-4386	1	0	0	1	0	1.21	23
12	Synthesis and stereochemistry of some heterocyclic saturated compounds based on l-p-nitrophenylserinol skeleton .2. 1-Aza-3,7-dioxabicyclo[3.3.0.]octanes Darabantu, M; Ple, G; (...); Costas, L Feb 3 1997 | TETRAHEDRON 53 (5) , pp.1891-1908	0	0	0	1	0	0.82	23
13	Microwave-Assisted Synthesis of New Selenazole Derivatives with Antiproliferative Activity Ignat, A; Gaina, L; (...); Zaharia, V Apr 2013 | MOLECULES 18 (4) , pp.4679-4688	2	2	0	2	0	1.75	21
14	Synthesis and stereochemistry of some heterocyclic saturated compounds based on l-p-nitrophenylserinol skeleton .1. Ring-chain tautomerism of some Schiff bases of l-p-nitrophenylserinol Darabantu, M; Ple, G; (...); Mates, A	0	0	0	0	0	0.71	20

	Feb 3 1997 | TETRAHEDRON 53 (5) , pp.1873-1890							
15	Metallo complexes of *meso*-phenothiazinylporphyrins: Synthesis, linear and nonlinear optical properties Brem, B; Gal, E; (...); Silaghi-Dumitrescu, L Dec 2015 | DYES AND PIGMENTS 123 , pp.386-395	2	7	1	2	0	1.9	19
16	Novel *meso*-phenothiazinylporphyrin dyes: Synthesis, optical, electrochemical properties and PDT assay Gal, E; Brem, B; (...); Silaghi-Dumitrescu, L Oct 2013 | DYES AND PIGMENTS 99 (1) , pp.144-153	2	4	0	1	1	1.5	18
17	On the microwave-assisted synthesis of acylphenothiazine derivatives - Experiment versus theory synergism Gaina, L; Porumb, D; (...); Silaghi-Dumitrescu, L Jan 2010 | CANADIAN JOURNAL OF CHEMISTRY 88 (1) , pp.42-49	1	0	1	1	0	1.2	18
18	Synthesis, structural investigations, and DFT calculations on novel 3-(1,3-dioxan-2-yl)-10-methyl-10*H*-phenothiazine derivatives with fluorescence properties Gaina, L; Gal, E; (...); Silaghi-Dumitrescu, L Mar 18 2012 | TETRAHEDRON 68 (11) , pp.2465-2470	2	2	1	4	0	1.23	16
		0	3	1	2	0	0.58	14

19	New Schiff bases derived from 3-formyl-10-alkyl-phenothiazine I. NMR and UV-Vis structural assignments. Gaina, L; Lovasz, T; (...); Udrea, S 2001 | HETEROCYCLIC COMMUNICATIONS 7 (6) , pp.549-554							
20	Protective effect of inhibitor-containing nitrocellulose lacquer on artificially patinated bronze Bostan, R; Varvara, S; (...); Muresan, LM Oct 2017 | PROGRESS IN ORGANIC COATINGS 111 , pp.416-427	0	3	1	3	0	1.5	12
21	Novel Thiazolo[5,4-*b*] phenothiazine Derivatives: Synthesis, Structural Characterization, and In Vitro Evaluation of Antiproliferative Activity against Human Leukaemia Brem, B; Gal, E; (...); Cristea, C Jul 2017 | INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 18 (7)	2	2	3	1	0	1.5	12
22	Novel 2,4-Disubstituted-1,3-Thiazole Derivatives: Synthesis, Anti-*Candida* Activity Evaluation and Interaction with Bovine Serum Albumine Pricopie, AI; Focsan, M; (...); Oniga, O Mar 1 2020 | MOLECULES 25 (5)	0	3	5	2	0	2	10
23	The influence of bonding topology on the electronic properties of new Schiff bases containing phenothiazine building blocks Gal, E; Gaina, L; (...); Silaghi-Dumitrescu, L Jun 1 2016 | JOURNAL OF ELECTROANALYTICAL CHEMISTRY 770 , pp.14-22	0	3	1	1	0	1.11	10

⊖ 24	Microwave-Assisted Catalytic Amination of Phenothiazine; Reliable Access to Phenothiazine Analogues of Troger's Base Gaina, LI; Matarânga-Popa, LN; (...); Silaghi-Dumitrescu, L Aug 2013 | EUROPEAN JOURNAL OF ORGANIC CHEMISTRY 2013 (24) , pp.5500-5508	2	3	1	0	0	0.83	10
⊖ 25	Structure elucidation and DFT-study on substrate-selective formation of chalcones containing ferrocene and phenothiazine units.: Study on ferrocenes, Part 17 Lovász, T; Túrós, G; (...); Sohár, P Sep 15 2005 | JOURNAL OF MOLECULAR STRUCTURE 751 (1-3) , pp.100-108	0	1	0	0	0	0.5	10
⊖ 26	Fluorescent Phthalocyanine-Encapsulated Bovine Serum Albumin Nanoparticles: Their Deployment as Therapeutic Agents in the NIR Region Borlan, R; Stoia, D; (...); Astilean, S Aug 2021 | MOLECULES 26 (15)	0	0	3	5	1	2.25	9
⊖ 27	Enhanced one- and two-photon excited fluorescence of cationic (phenothiazinyl)vinyl-pyridinium chromophore attached to polyelectrolyte-coated gold nanorods Craciun, AM; Focsan, M; (...); Astilean, S Jan 2017 | DYES AND PIGMENTS 136 , pp.24-30	1	3	2	1	0	1.13	9
⊖ 28	Tuning the coordination properties of phenothiazine by regioselective introduction of diphenylphosphanyl groups Filip, IH; Gál, E; (...); Silaghi-Dumitrescu, L	2	1	0	2	0	0.9	9

	2015 | DALTON TRANSACTIONS 44 (2) , pp.615-629							
29	Thiadiazole derivatives as inhibitors for acidic media corrosion of artificially patinated bronze Varvara, S; Bostan, R; (...); Muresan, LM Dec 2014 | MATERIALS AND CORROSION-WERKSTOFFE UND KORROSION 65 (12) , pp.1202-1214	1	0	0	0	0	0.82	9
30	Novel (Phenothiazinyl)Vinyl-Pyridinium Dyes and Their Potential Applications as Cellular Staining Agents Stoean, B; Rugina, D; (...); Gaina, LI Mar 2021 | INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 22 (6)	0	3	2	2	0	1.75	7
31	Novel Phenothiazine-Bridged Porphyrin-(Hetero)aryl dyads: Synthesis, Optical Properties, In Vitro Cytotoxicity and Staining of Human Ovarian Tumor Cell Lines Molnar, E; Gal, E; (...); Silaghi-Dumitrescu, L May 2020 | INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 21 (9)	0	3	3	1	0	1.4	7
32	New methylene blue analogues with *N*-piperidinyl-carbinol units: Synthesis, optical properties and *in vitro* internalization in human ovarian cancer cells Stoean, B; Gaina, L; (...); Silaghi-Dumitrescu, L Sep 2022 | DYES AND PIGMENTS 205	0	0	3	2	1	2	6
		0	1	1	2	1	1.25	5

33	Antibody-functionalized theranostic protein nanoparticles for the synergistic deep red fluorescence imaging and multimodal therapy of ovarian cancer Borlan, R; Focsan, M; (...); Astilean, S Sep 21 2021 | BIOMATERIALS SCIENCE 9 (18) , pp.6183-6202							
34	SYNTHESIS AND FLUORESCENCE PROPERTIES OF NEW SCHIFF BASES CONTAINING PHENOTHIAZINE UNITS Gál, E; Gaina, L; (...); Silaghi-Dumitrescu, L 2009 | STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA 54 (4) , pp.17-24	0	0	0	0	0	0.31	5
35	Aryl-substituted phenothiazinyl-enones - I. Synthesis and structural NMR assignments Gaina, L; Cristea, C; (...); Udrea, S Oct-nov 2002 | REVUE ROUMAINE DE CHIMIE 47 (10-11) , pp.983-988	0	0	0	1	0	0.22	5
36	Synthesis and antibacterial properties of new phenothiazinyl- and phenyl-nitrones Petkes, HI; Gál, E; (...); Silaghi-Dumitrescu, L Oct 2014 | COMPTES RENDUS CHIMIE 17 (10) , pp.1050-1056	0	0	1	0	0	0.36	4
37	Electrochemical investigation of electron-transfer phenomena in the series of phenothiazine and of related compounds.: I -: Comparative study of N-alkyl-3-formyl-phenothiazines and of a phenothiazine Schiff base by cyclic voltammetry Jitaru, M; Petrica, G; (...); Silberg, IA Mar-apr 2002 | REVUE ROUMAINE DE CHIMIE 47 (3-4) , pp.249-255	0	0	0	0	0	0.17	4

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39	New fluorescent phenothiazine carboxylates for fluorescent nanomaterials Gal, M; Cristea, C; (...); Gaina, L Dec 15 2021 | JOURNAL OF MOLECULAR STRUCTURE 1246	0	0	0	3	0	0.75	3
40	Real-time fluorescence imaging of anthocyanins complexed with diphenylboric acid 2-aminoethyl inside B16-F10 melanoma cells Nistor, M; Focsan, M; (...); Rugina, D Sep 2021 | PHYTOCHEMISTRY 189	0	0	2	1	0	0.75	3
41	Ethyne Functionalized *Meso*-Phenothiazinyl-Phenyl-Porphyrins: Synthesis and Optical Properties of Free Base Versus Protonated Species Molnar, E; Gál, E; (...); Silaghi-Dumitrescu, L Oct 2020 | MOLECULES 25 (19)	0	2	1	0	0	0.6	3

42	Some Phenothiazinyl-thiazolyl-hydrazine Derivatives as Corrosion Inhibitors for Carbon Steel in 1.0 M HCl: Electrochemical, SEM-EDX and DFT Investigations Varvara, S; Gaina, L; (...); Grozav, A Sep 2018 | INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE 13 (9) , pp.8338-8364	0	0	0	0	0	0.43	3
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45	SYNTHESIS OF NOVEL (PHENOTHIAZINYL)DIPYRROLYLMETHANES Brem, B; Gal, E; (...); Silaghi-Dumitrescu, L Nov-dec 2014 | REVUE ROUMAINE DE CHIMIE 59 (11-12) , pp.947-952	0	0	0	0	0	0.18	2
46	SYNTHESIS AND CHARACTERIZATION OF NEW PHENOTHIAZINYL-DIPHENYL-PHOSPHINES Lovasz, T; Gal, E; (...); Silaghi-Dumitrescu, L 2010 | STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA 55 (3) , pp.249-256	0	0	0	0	0	0.13	2

⊖ 47	Microwave-assisted synthesis and electrochemical behaviour of phenothiazine-formaldehyde polymer derivative	0	0	0	0	0	0.11	2

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