



ACADEMIA ROMÂNĂ  
SCOSAAR

**AVIZAT**  
**PREȘEDINTE SCOSAAR**

Acad. Bogdan C. SIMIONESCU

ÎNDEPLINIREA STANDARDELOR MINIMALE

DA |  NU

**FIȘA DE ÎNDEPLINIRE A STANDARDELOR MINIMALE  
conform CNATDCU**

Candidat: **Dr. CSEH Liliana**

*19.03.2021* *[Signature]*

**FIȘA DE VERIFICARE**  
a îndeplinirii standardelor minimale

Categorie Habilitare	N <sub>max</sub> (*)	FIC (**)	FIC <sub>D</sub> (***)	FIC <sub>AP</sub> (****)	FIC <sub>AC</sub> (*****)	h index
Cerințe	50	100	70	50	25	13
Realizat	45	<b>138.46</b>	<b>120.547</b>	<b>69.818</b>	<b>35.72</b>	<b>13</b>

(\*) N<sub>max</sub> – primele maxim N lucrari, organizate in ordinea descrescatoare a factorilor de impact a revistelor in care au fost publicate;

(\*\*) FIC – factorul de impact cumulat minimal al revistelor in care s-au publicat lucrarile in cauza;

(\*\*\*)FIC<sub>D</sub> – factorul de impact cumulat minimal din publicatii in domeniile de cercetare declarate;

(\*\*\*\*) FIC<sub>AP</sub> – factorul de impact cumulat minimal din publicatii in calitate de autor principal (prim-autor si autor de corespondenta);

(\*\*\*\*\*) FIC<sub>AC</sub> – factorul de impact cumulat minimal din publicatii in calitate de autor de corespondenta;

Nr. Crt	Articol	FIC	FIC <sub>D</sub>	FIC <sub>AP</sub>	FIC <sub>AC</sub>	Nr. citari
1	M.-H. Yen, J. Chaiprapa, X. Zeng, Y. Liu, L. Cseh, G. H. Mehl, G. Ungar, Added alkane allows thermal thinning of supramolecular columns by forming superlattice - An X-ray and neutron study, <i>J. Amer. Chem. Soc.</i> , 2016, 138(18), 5757-5760	13.858	13.858	-	-	15
2	L. Cseh, X. Mang, X. Zeng, F. Liu, G. H. Mehl, G. Ungar, G. Siligardi, Helically twisted chiral arrays of gold nanoparticles coated with a cholesterol mesogens, <i>J. Amer. Chem. Soc.</i> , 2015, 137(40), 12736-12739.	13.038	13.038	13.038	-	27
3	X. Yao, X. Zeng, M. Xue, L. Cseh, Y. Liu, G. Ungar, Body-centred cubic packing of spheres – The ultimate thermotropic assembly mode for highly divergent dendrons, <i>Nanoscale Horiz.</i> , 2017, 2, 43-49	9.391	9.391	-	-	14
4	X. Zeng, F. Liu, A. G. Fowler, G. Ungar, L. Cseh, G. H. Mehl, J. E. Macdonald 3D ordered gold strings by coating nanoparticles with mesogens <i>Adv. Mater.</i> , 2009, 21(17), 1746 – 1750	8.379	8.379	-	-	108
5	L. Cseh, G. H. Mehl, The design and investigation of room temperature thermotropic nematic gold nanoparticles, <i>J. Am. Chem. Soc.</i> , 2006, 128, 13376-13377	7.696	7.696	7.696	-	133
6	X. Mang, X. Zeng, B. Tang, F. Liu, G. Ungar, R. Zhang, L. Cseh, G. H. Mehl Control of anisotropic self-assembly of gold nanoparticles coated with mesogens,	6.108	6.108	-	-	34

	<i>J. Mater. Chem.</i> , 2012, 22, 11101-11106					
7	YX Li, F. F. Fan, J. Wang, L. Cseh, M. Xue, XB Zeng, G. Ungar, New type of Columnar liquid crystal superlattice in double-taper ionic minidendrons, <i>Chem. Eur. J.</i> , 2019, 25(60), 13739-13747	4.857	4.857	-	-	3
8	A.J. Moro, A. J. Parola, F. Pina, A-M. Pana, V. Badea, I. Pausescu, S. Shova, L. Cseh, 2,2'-Spirobis[chromene] derivatives chemistry and their relation with the multistate system of anthocyanins, <i>J. Org. Chem.</i> , 2017, 82(10), 5301-5309	4.805	4.805	4.805	4.805	7
9	X. Zeng, L. Cseh, G. H. Mehl, G. Ungar Testing the triple network structure of the cubic Im3m (I) phase by isomorphous replacement and model refinement, <i>J. Mater. Chem.</i> , 2008, 18 (25), 2953-2961	4.646	4.646	4.646	-	37
10	A. Alejo-Armijo, A. Moro, A. J. Parola, J.C. Lima, F. Pina, L. Corici, S. Shova, L. Cseh, Generalization of the anthocyanins kinetics and thermodynamics multistate to 2,6-bis(2-hydroxy-benzylidene) cyclohexanones, <i>Dyes Pigments</i> , 2019, 163, 573-588	4.613	4.613	4.613	4.613	2
11	A. A. Armijo, L. Corici, I. Buta, L. Cseh, A. J. Moro, A. J. Parola, J. C. Lima, F. Pina, Multistate of chemical species of 2,6-bis(arylidene) cyclohexanones. The role of chalcone and spiro species, <i>Dyes Pigments</i> , 2020, 174, 108013	4.613	4.613	4.613	4.613	0
12	L. Cseh, G. H. Mehl, Structure-property relationships in nematic gold nanoparticles, <i>J. Mater. Chem.</i> , 2007, 17(4), 311-315	4.339	4.339	4.339	-	69
13	S.-G. Yang, H.-J. Xie, H. Saba, L. Cseh, G. Ungar, Fluorescence microscopy tracking of dyes, nanoparticles and quantum dots during growth of polymer spherulites, <i>Polymer</i> , 2020, 191, 122246	4.231	-	-	-	0
14	F. G. Erko, L. Cseh, J. Berthet, G. H. Mehl, S. Delbaere, Synthesis and photochromic properties of a	4.055	4.055	-	-	9

	bis(diarylethene)-naphtho-pyran hybrid, <i>Dyes Pigments</i> , 2015, 115, 102-109					
15	W. S. Fall, M-H. Yen, X. Zeng, L. Cseh, Y. Liu, G. Gehring, G. Ungar, Molecular ejection transition in liquid crystal columns self-assembled from wedge-shaped minidendrons, <i>Soft Matter</i> , 2019,15, 22-29	3.140	3.140	-	-	4
16	L. N. Corîci, S. Shova, V. Badea, D. Aparaschivei, O. Costisor, L. Cseh, Investigations on photochromic properties of 2,6-bis(5-bromo-2-hydroxybenzylidene) cyclohexanone, <i>Photochem. Photobiol. Sci.</i> , 2017, 16, 946-953	2.902	2.902	2.902	2.902	6
17	A. J. Moro, A.-M. Pana, L. Cseh, O. Costisor, J. Parola, L. Cunha-Silva, R. Puttreddy, K. Rissanen, F. Pina, Chemistry and photochemistry of 2,6-bis(2-hydroxybenzilidene) cyclohexa-none. An example of a compound following the anthocyanins" network of chemical reactions, <i>J. Phys. Chem. A</i> , 2014, 283, 22–28	2.693	2.693	2.693	2.693	15
18	A. Alejo-Armijo, L. Corici, L. Cseh, D. Aparaschivei, A. Moro, A. J. Parola, J. Lima, F. Pina, Achieving complexity at the bottom. 2,6-bis(arylidene) cyclohexanones and anthocyanins: The same general multistate of species, <i>ACS Omega</i> , 2018, 3(12), 17853-17862	2.584	2.584	2.584	2.584	5
19	C. M. Bucovicean, H. Dong, X. Zeng, A.-M. Pana, I. Pausescu, O. Costisor, L. Cseh, Study of molecular order, mesogenic and fluorescent properties of 2,4-bis(4-dodecyloxybenzylidene) cyclohexanone <i>J. Mol. Liq.</i> , 2014, 195, 69–72	2.515	2.515	2.515	2.515	0
20	A.-M. Pana, V. Badea, R. Banica, A. Bora, Z. Dudas, L. Cseh, O. Costisor, Network reaction of 2,6-bis(2-hydroxybenzilidene) cyclohexanone by external stimuli,	2.495	2.495	2.495	2.495	7

	<i>J. Photochem. Photobiol. A</i> , 2014, 283, 22–28					
21	I. Bută, L. Cseh, C. Crețu, D. Aparaschivei, C. Maxim, P. Löennecke, E. Hey-Hawkings, N. Stanica, E. Ohler, E. Rentschler, M. Andruh, O. Costișor, Polynuclear copper (II) complexes with hexadentate Schiff base directed by the counter ion. Syntheses, crystal structures and magnetic properties, <i>Inorg. Chim. Acta</i> , 2018, 475, 133-141	2.433	-	-	-	10
22	E. Fagadar-Cosma, L. Cseh, V. Badea, G. Fagadar-Cosma, D. Vlascici, Combinatorial synthesis and characterization of new asymmetric porphyrins as potential photosensitizers in photodynamic therapy, <i>Comb. Chem. High T Scr.</i> , 2007, 10(6), 466-472	2.344	-	-	-	40
23	C. Cretu, L. Cseh, R. Tudose, A. Bora, S. Matsia, A. Hatzidimitriou, O. Costisor, A. Salifoglou, Piperazine core-containing Schiff ligands define chemical reactivity toward divalent metal ions, <i>Inorg. Chim. Acta</i> , 2019, 492, 249-261	2.304	-	2.304	2.304	1
24	A. A. Andelescu, C. Cretu, V. Sasca, S. Marinescu, L. Cseh, O. Costisor, E.I. Szerb, New heteroleptic Zn (II) and Cu (II) complexes with quercetine and N <sup>N</sup> ligands, <i>Polyhedron</i> , 2018, 147, 120-125	2.284	-	-	-	9
25	C. Cretu, L. Cseh, B. J. Tang, V. Sasca, V. Badea, E. I. Szerb, G. H. Mehl, S. Shova, O. Costisor, Mononuclear Cu (II) complexes of novel salicylidene Schiff bases: synthesis and mesogenic properties, <i>Liq. Cryst.</i> , 2015, 42(8), 1139-1147	2.244	2.244	2.244	2.244	3
26	C. Cretu, R. Tudose, L. Cseh, W. Linert, E. Halevas, A. Hatzidimitriou, O. Costisor, A. Salifoglou, Schiff base coordination flexibility toward binary cobalt and ternary zinc complex	2.108	2.108	-	-	15

	assemblies. The case of the hexadentate ligand N,N'-bis[(2-hydroxybenzilidenamino)-propyl]-piperazine, <i>Polyhedron</i> , 2015, 85, 48-59					
27	A.-M. Pană, I. Păușescu, S. Shova, V. Badea, R. Tudose, M. Sillion, O. Costișor, L. Cseh, pH dependent structural interconversion of 2-(2-hydroxy-benzylidene)-cyclohexan-1-one: Crystal structures and spectroscopic investigation, <i>J. Mol. Struct.</i> , 2017, 1137, 9-16	2.011	2.011	2.011	2.011	3
28	D. Lysenko, E. Ouskova, S. Ksondzyk, V. Reshetnyak, L. Cseh, G. H. Mehl, Y. Reznikov, Light-induced changes of the refractive indices in a colloid of gold nanoparticles in a nematic liquid crystal, <i>Eur. Phys. J. E</i> , 2012, 35(5), 33-39	1.824	1.824	-	-	22
29	C. A. Dehelean, D. E. Coricovac, L. Cseh, C. M. Șoica, G. M. Simu Assessment of the effects of organic solvents. Mixture on SKH1 mice after environmental exposure. <i>Farmacia</i> , 2017, 65(1), 125-131	1.507	-	-	-	0
30	G. M. Simu, D. Coricovac, L. Cseh, C. Soica, F. Borcan, D. Ionescu, M. Andoni, D. Dragos, C. Dehelean, Assessment of skin injuries induced by organic and inorganic phases of the Cosorb process by means of non-invasives techniques, <i>Rev. Chim. - Bucharest</i> , 2016, 67(2), 291-296	1.232	-	-	-	5
31	L. Cseh, C. Csunderlik, I. Pantenburg, G. Mayer, O. Costisor, Synthesis, crystal structure, and spectral properties of a cobalt (II) complex with N-salicylidene-p-toluidine, <i>Z. Anorg. Allg. Chem.</i> , 2003, 629 (6), 985-988	1.127	1.127	1.127	-	3
32	I. Buta, C. Ianasi, C. Savii, L. Cseh, S. Bakardieva, W. Linert, O. Costisor,	0.81	-	-	-	2

	Synthesis and characterization of new heterometallic cobalt-zinc oxalates linked by organic amines, <i>Rev. Chim. - Bucharest</i> , 2014, 65(4), 416-420					
33	E. Ouskova, D. Lysenko, S. Ksondzyk, L. Cseh, G.H. Mehl, V. Reshetnyak, Y. Reznikov, Strong cubic optical nonlinearity of gold nanoparticles suspension in nematic liquid crystal, <i>Mol. Cryst. Liq. Cryst.</i> , 2011, 545, 1347-1356	0.58	0.58	-	-	15
34	L. Cseh, R. Tudose, G. Mayer, I. Pantenburg, W. Linert, O. Costisor, Synthesis and structural characterization of two new Schiff bases incorporating a piperazine skeleton, and their reactions with copper (II) perchlorate, <i>Synth. React. Inorg. M.</i> , 2008, 38(4), 382-389	0.545	0.545	0.545	-	2
35	C. Cretu, L. Cseh, G. H. Mehl, O. Costisor New compounds with potential liquid crystal properties. Copper (II) and nickel (II) complexes of N,N'-bis(4-decyloxy-salicylidene-N-n-propyl)-piperazine. Synthesis and characterization, <i>Mol. Cryst. Liq. Cryst.</i> , 2008, 481, 26-33	0.537	0.537	0.537	0.537	3
36	L. Corici, D. Caschera, L. Cseh, G. De Luca, E. I. Szerb, P. Calandra, Amphiphiles as novel solvents for photochromics: stability and photophysical properties, <i>Mol. Cryst. Liq. Cryst.</i> , 2019, 684(1), 24-36	0.512	0.512	-	-	1
37	L. Cseh, G. H. Mehl, S. Clark, S. Archibald, 3,4-Diiodo-2,5-dimethyl-thiophene, <i>Acta Crystallogr. E</i> , 2007, 63, o1393-o1394	0.508	0.508	0.508	-	1
38	M. A. Spirache, C. Cretu, L. Cseh, V. Sasca, V. Badea, R. Tudose, L. N. Deveseleanu-Corici, O. Costisor, E.I. Szerb, Ionic salts of nicotinic acid as multifunctional materials,	0.395	0.395	-	-	2

	<i>Rev. Roum. Chim.</i> , 2018, 63(5-6), 521-529					
39	I. Buta, A. Ardelean, L. Cseh, V. Badea, F. Manea, E. Gal, P. Lonneck, E. Hey-Hawkins, O. Costisor, New mononuclear cobalt (III) and manganese (III) complex containing a hexadentate Schiff base ligand, <i>Rev. Roum. Chim.</i> , 2018, 63(5-6), 515-519	0.395	0.395	-	-	2
40	L. N. Corici, A. M. Pana, S. Shova, D. Haidu, V. Badea, M. Apostu, I. Buta, E. I. Szerb, O. Costisor, L. Cseh, Synthesis and investigation of 2-(hydroxybenzylidene)-5-methylcyclo-hexan-1-one, <i>Rev. Roum. Chim.</i> , 2018, 63(7-8), 515-519.	0.395	0.395	0.395	0.395	0
41	L. Cseh, G. Mehl, Structure-properties relationships in liquid crystal thiols, <i>Rev. Roum. Chim.</i> , 2013, 58(11-12), 879-885	0.393	0.393	0.393	0.393	2
42	E. I. Szerb, L. Cseh, A.-M. Pana, R. Banica, P. Linul, M. Lazarovici, C. Cretu, L. Demetrovici, C. Locovei, G. M. Simu, N. Strambeanu, O. Costisor, Synthesis and characterization of copper nanocubes from waste complex catalyst, <i>Rev. Roum. Chim.</i> , 2017, 62(4-5), 433-438	0.370	-	0.370	0.370	0
43	L. Cseh, G.H. Mehl, Synthesis and characterization of gold nanoparticles functionalized with calamitic mesogens, <i>Rev. Roum. Chim.</i> , 2016, 61(2), 125-130	0.246	0.246	0.246	0.246	0
44	M. Mracec, O. Costisor, L. Cseh, M. Mracec, Z. Simon, Steric and electronic considerations on salicylidene-4-methylaniline as a ligand, <i>Rev. Roum. Chim.</i> , 2004, 49 (3-4), 199-204	0.199	-	-	-	1
45	L. Cseh, I. Pantenburg, G. Meyer, O. Costisor, Structures and spectral properties of a copper (II) complex with N-salicylidene-p-toluidine,	0.199	-	0.199	-	2



	<i>Rev. Roum. Chim.</i> , 2004, 49 (3-4), 287-291					
	<b>TOTAL :</b>	<b>138.46</b>	<b>120.547</b>	<b>67.818</b>	<b>35.72</b>	<b>639</b>

Data:

19.03.2021

Dr. CSEH Liliana

