



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**

**FIȘA DE VERIFICARE**  
a îndeplinirii standardelor minime

Data:

19.03.2021

Dr. CSEH Liliana

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>67.818</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, <i>J. Mater. Chem.</i> , 2012, 22, 11101-11106	6.108	6.108	-	-	34
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. Paulescu, 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 bis(diarylethene)-naphtho-pyran hybrid, <i>Dyes Pigments</i> , 2015, 115, 102-109	4.055	4.055	-	-	9
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. Corici, 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-hydroxybenzylidene) cyclohexanone. 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	2.515	2.515	2.515	2.515	0

	fluorescent properties of 2,4-bis(4-dodecyloxybenzylidene) cyclohexanone <i>J. Mol. Liq.</i> , 2014, 195, 69–72					
20	A.-M. Pana, V. Badea, R. Banica, A. Bora, Z. Dudas, L. Cseh, O. Costisor, Network reaction of 2,6-bis(2-hydroxybenzylidene) cyclohexanone by external stimuli, <i>J. Photochem. Photobiol. A</i> , 2014, 283, 22–28	2.495	2.495	2.495	2.495	7
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. Crețu, 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. Crețu, 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. Crețu, 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	2.244	2.244	2.244	2.244	3

	salicylidene Schiff bases: synthesis and mesogenic properties, <i>Liq. Cryst</i> , 2015, 42(8), 1139-1147					
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 assemblies. The case of the hexadentate ligand N,N'-bis[(2-hydroxybenzilidenamino)-propyl]-piperazine, <i>Polyhedron</i> , 2015, 85, 48-59	2.108	2.108	-	-	15
27	A.-M. Pană, I. Păușescu, S. Shova, V. Badea, R. Tudose, M. Silion, 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, Synthesis and characterization of new heterometallic cobalt-zinc oxalates linked by organic amines, <i>Rev. Chim. - Bucharest</i> , 2014, 65(4), 416-420	0.81	-	-	-	2
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-salicyliden-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, <i>Rev. Roum. Chim.</i> , 2018, 63(5-6), 521-529	0.395	0.395	-	-	2
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. Bănică, P. Liñul, M. Lazăróvici, 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	0.199	-	-	-	1



	salicylidene-4-methylaniline as a ligand, <i>Rev. Roum. Chim.</i> , 2004, 49 (3-4), 199-204					
45	L. Cseh, I. Pantenburg, G. Meyer, O. Costisor, Structures and spectral properties of a copper (II) complex with N-salicylidene-p-toluidine, <i>Rev. Roum. Chim.</i> , 2004, 49 (3-4), 287-291	0.199	-	0.199	-	2
	<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