

Fișa de îndeplinire a standardelor minime de abilitare în domeniul Chimie

Ramona Danac

I. Îndeplinire standarde minime de abilitare stabilite de comisia CHIMIE din cadrul CNATDCU -îndeplinit

Categorie	N _{max}	FIC (2023)	FIC _d (2023)	FIC _{AP} (2023)	FIC _{AC} (2023)	FIC (an publ.)	FIC _d (an publ.)	FIC _{AP} (an publ.)	FIC _{AC} (2023)	h index
Abilitare	50	100	70	50	25	100	70	50	25	13
Danac Ramona	47	158.3	142.2	89.2	64.7	133.22	120.092	81.227	62.494	18
	îndeplinit	îndeplinit	îndeplinit	îndeplinit	îndeplinit	îndeplinit	îndeplinit	îndeplinit	îndeplinit	îndeplinit

I.1. Îndeplinirea criteriilor (FIC, FIC_d, FIC_{AP}, FIC_{AC}):

Lista articole în ordinea descrescătoare a factorilor de impact:

Nr. crt.	Articol	FIC 2023	FIC _d 2023	FIC _{AP} 2023	FIC _{AC} 2023	FIC an publ.	FIC _d an publ.	FIC _{AP} an publ.	FIC _{AC} an publ.
1.	L. Leontie, I. Druta, R. Danac , M. Prelipceanu, G.I. Rusu, Electrical properties of some new high resistivity organic semiconductors in thin films, <i>Progress in Organic Coatings</i> , 54(3) , (2005), 175-181. https://doi.org/10.1016/j.porgcoat.2005.06.003	6.5	6.5	-	-	1.535	1.535	-	-
2.	R. Danac , I. Mangalagiu, Antimycobacterial activity of nitrogen heterocycles derivatives: bipyridine derivatives. Part III, <i>Eur. J. Med. Chem.</i> , 74 , (2014), 664-670. https://doi.org/10.1016/j.ejmech.2013.09.061	6.0	6.0	6.0	-	3.447	3.447	3.447	-
3.	C.M. Al Matarneh, I. I. Mangalagiu, S. Shova, R. Danac* , Synthesis, structure, antimycobacterial and anticancer evaluation of new pyrrolo-phenanthroline	5.6	5.6	5.6	5.6	4.293	4.293	4.293	4.293

	derivatives, <i>J. Enz. Inhib. Med. Chem.</i> , 31(3) , (2016), 470-480. DOI: 10.3109/14756366.2015.1039530								
4.	A.-M. Olaru, V. Vasilache, R. Danac* , I.I. Mangalagiu*, Antimycobacterial activity of nitrogen heterocycles derivatives: 7-(pyridine-4-yl)-indolizine derivatives. Part VII, <i>J. Enz. Inhib. Med. Chem.</i> , 32(1) , (2017), 1291-1298. https://doi.org/10.1080/14756366.2017.1375483	5.6	5.6	5.6	5.6	3.638	3.638	3.638	3.638
5.	M.-C. Sardaru, A. M. Craciun, C.-M. Al Matarneh, I. A. Sandu, R. M. Amarandi, L. Popovici, C. I. Ciobanu, D. Peptanariu, M. Pinteala, I. I. Mangalagiu, R. Danac* , Cytotoxic substituted indolizines as new colchicine site tubulin polymerisation inhibitors, <i>J. Enz. Inhib. Med. Chem.</i> , (2020), 35(1) , 1581-1595. doi: 10.1080/14756366.2020.1801671	5.6	5.6	5.6	5.6	5.051	5.051	5.051	5.051
6.	L. Popovici, R.M. Amarandi, I.I. Mangalagiu, V. Mangalagiu*, R. Danac* , Synthesis, molecular modelling and anticancer evaluation of new pyrrolo[1,2-b]pyridazine and pyrrolo[2,1-a]phthalazine derivatives, <i>J. Enz. Inhib. Med. Chem.</i> , (2019), 34, 230-243. https://doi.org/10.1080/14756366.2018.1550085	5.6	5.6	5.6	5.6	4.673	4.673	4.673	4.673
7.	C. Gherasim, A. Airinei*, R. Tigoianu, A.M. Craciun, R. Danac* , A. Nicolescu, D. L. Isac, I.I. Mangalagiu, Synthesis and photophysical insights on new fused N-heterocyclic derivatives with isoquinoline skeleton, <i>J. Mol. Liq.</i> , 310 , (2020), 113196. https://doi.org/10.1016/j.molliq.2020.113196	5.3	-	5.3	5.3	6.165	-	6.165	6.165
8.	L. Leontie, R. Danac , Optical properties of some new synthesized organic semiconductors in thin films, <i>Scripta Materialia</i> , 54(2) , (2006), 175-179. https://doi.org/10.1016/j.scriptamat.2005.09.039	5.3	-	-	-	2.161	-	-	-
9.	L. Oniciuc, D. Amariuca-Mantu, D. Diaconu, V. Mangalagiu, R. Danac, V. Antoci, I.I. Mangalagiu, Benzoquinoline Derivatives: An Attractive Approach to Newly Small Molecules with Anticancer Activity, <i>Int. J. Mol. Sci.</i> , (2023), 24(9) , 8124.	4.9	4.9	-	-	4.9	4.9	-	-

	https://doi.org/10.3390/ijms24098124								
10.	R. M. Amarandi, C.-M. Al Matarneh, L. Popovici, C. I. Ciobanu, A. Neamtu, I. I. Mangalagiu, R. Danac*, Exploring Pyrrolo-Fused Heterocycles as Promising Anticancer Agents: An Integrated Synthetic, Biological, and Computational Approach, <i>Pharmaceuticals</i> , (2023), 16(6), 865. https://doi.org/10.3390/ph16060865	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
11.	A.-M. Craciun, A. Rotaru, C. Cojocaru, I.I. Mangalagiu, R. Danac* , New 2,9-disubstituted-1,10-phenanthroline derivatives with anticancer activity by selective targeting of telomeric G-quadruplex DNA, <i>Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy</i> , (2021), 249 , 119318. https://doi.org/10.1016/j.saa.2020.119318	4.3	4.3	4.3	4.3	4.831	4.831	4.831	4.831
12.	R. Danac , L. Leontie, A. Carlescu, G.I. Rusu, DC Electric Conduction Mechanism of Some Newly Synthesized Indolizine Derivatives in Thin Films, <i>Materials Chemistry and Physics</i> , 134 , (2012), 1042-1048. DOI: 10.1016/j.matchemphys.2012.03.110	4.3	4.3	4.3	-	2.072	2.072	2.072	-
13.	L. Leontie, R. Danac , M. Girtan, A. Carlescu, A.P. Rambu, G.I. Rusu, Electron transport properties of some new 4-tert-butylcalix[4]arene derivatives in thin films, <i>Materials Chemistry and Physics</i> , 135 , (2012), 123-129. DOI: 10.1016/j.matchemphys.2012.04.034	4.3	4.3	-	-	2.072	2.072	-	-
14.	L. Leontie, R. Danac , N. Apetroaei, G.I. Rusu, Study of electronic transport properties of some new N-(p-R-phenacyl)-1,7-phenanthroline bromides in thin films, <i>Materials Chemistry and Physics</i> , 127 , (2011), 471-478. https://doi.org/10.1016/j.matchemphys.2011.02.040	4.3	4.3	-	-	2.234	2.234	-	-
15.	C.M. Al Matarneh, R. M. Amarandi, I. I. Mangalagiu, R. Danac* , Synthesis and biological screening of new cyano-substituted pyrrole fused (iso)quinoline derivatives, <i>Molecules</i> , (2021), 26 , 2066. https://doi.org/10.3390/molecules26072066	4.2	4.2	4.2	4.2	4.972	4.972	4.972	4.972
16.	M.-C. Sardaru, O. Carp, E.-L. Ursu, A.-M. Craciun, C.	4.2	4.2	-	-	4.412	4.412	-	-

	Cojocaru, M. Sillion, V. Kovalska, I. Mangalagiu, R. Danac , A. Rotaru, Cyclodextrin Encapsulated pH Sensitive Dyes as Fluorescent Cellular Probes: Self-Aggregation and In Vitro Assessments, <i>Molecules</i> , (2020), 25(19) , 4397. https://doi.org/10.3390/molecules25194397								
17.	C.M. Al Matarneh, R.M. Amarandi, A.M. Craciun, I.I. Mangalagiu, G. Zbancioc*, R. Danac*, Design, synthesis, molecular modelling and anticancer activities of new fused phenanthrolines, <i>Molecules</i> , (2020), 25 , 527. https://doi.org/10.3390/molecules25030527	4.2	4.2	4.2	4.2	4.412	4.412	4.412	4.412
18.	Gabriela Pricope, Elena Laura Ursu, Monica Sardaru, Corneliu Cojocaru, Lilia Clima, Narcisa Marangoci, Ramona Danac , Ionel Mangalagiu, Bogdan C. Simionescu, Mariana Pinteala, Alexandru Rotaru, Novel cyclodextrin-based pH-sensitive supramolecular host-guest assembly for staining acidic cellular organelles, <i>Polym. Chem.</i> , 9 , (2018), 968-975. DOI https://doi.org/10.1039/C7PY01668A	4.1	4.1	-	-	4.76	4.76	-	-
19.	R. Danac , A. Pui, I. Corja, R.-M. Amarandi, C.I. Ciobanu, M.-O. Apostu, O. Palamarciuc, New M(II) (M=Mn, Co, Ni, Cu, Zn, Pd) coordinative compounds with 2-formylpyridine S-methyl-isothiosemicarbazide, <i>J. Mol. Struct.</i> , (2020), 1207 , 12747. DOI: 10.1016/j.molstruc.2020.127747	4.0	4.0	4.0	-	3.196	3.196	3.196	-
20.	L. Leontie, R. Danac , I. Druta, A. Carlescu, Electron transport properties of some newly synthesized nonsymmetrical bisindolizines in thin films, <i>Synthetic Metals</i> , 160 (23-24) , (2010), 2526-2533. https://doi.org/10.1016/j.synthmet.2010.09.039	4.0	4.0	-	-	1.871	1.871	-	-
21.	L. Leontie, R. Danac , I. Druta, A. Carlescu, G. I. Rusu, Newly synthesized fused heterocyclic compounds in thin films with semiconductor properties, <i>Synthetic Metals</i> , 160 , (2010), 1273-1279. https://doi.org/10.1016/j.synthmet.2010.03.022	4.0	4.0	-	-	1.871	1.871	-	-
22.	L. Leontie, R. Danac , I. Druta, Electrical conduction mechanism in N-(p-R-phenacyl)-4,5-diazafluorenium-9-	4.0	4.0	-	-	1.685	1.685	-	-

	one bromides thin films, <i>Synthetic Metals</i> , 155(2-4) , (2006), 224-229. https://doi.org/10.1016/j.synthmet.2005.11.008								
23.	L. Leontie, I. Druta, R. Danac , and G.I. Rusu, On the electronic transport properties of pyrrolo[1,2-a]phenanthroline derivatives in thin films, <i>Synthetic Metals</i> , 155(1) , (2005), 138-145. https://doi.org/10.1016/j.synthmet.2005.07.342	4.0	4.0	-	-	1.32	1.32	-	-
24.	R. Postolachi, R. Danac* , N. J. Buurma, A. Pui, M. Balan, S. Shova, C. Delanu, New Cycloimmonium Ylide Ligands and their Palladium (II) Affinities, <i>RSC Advances</i> , 3 , (2013), 17260-17270. https://doi.org/10.1039/C3RA41911H	3.9	3.9	3.9	3.9	3.708	3.708	3.708	3.708
25.	V. Mangalagiu, R. Danac , D. Diaconu, G. Zbancioc; I.I. Mangalagiu, Hybrids Diazine: Recent Advancements in Modern Antimicrobial Therapy, <i>Curr. Med. Chem.</i> , (2024), 31(19) , 2687-2705. DOI: 10.2174/0929867330666230418104409	3.5	3.5	-	-	3.5	3.5	-	-
26.	R. Danac* , C. M. Al Matarneh, S. Shova, T. Daniloaia, M. Balan, I.I. Mangalagiu*, New indolizines with phenanthroline skeleton: synthesis, structure, antimycobacterial and anticancer evaluation, <i>Bioorg. Med. Chem.</i> , 23 , (2015), 2318-2327. DOI: 10.1016/j.bmc.2015.03.077	3.3	3.3	3.3	3.3	2.923	2.923	2.923	2.923
27.	A. Airinei, R. Tigoianu, R. Danac , C.M. Al Matarneh, D.L. Isac, Steady state and time resolved fluorescence studies of new indolizine derivatives with phenanthroline skeleton, <i>J. Lumin.</i> , 199 , (2018), 2-12. https://doi.org/10.1016/j.jlumin.2018.03.005	3.3	3.3	-	-	2.961	2.961	-	-
28.	C. Doroftei, L. Leontie, R. Danac , C.M. Al-Matarneh, A. Carlescu, Exploring Pyrrolo-Phenanthrolines as Semiconductors for Potential Implementation in Organic Electronics, <i>Materials</i> , (2023), 16(9) , 3366. https://doi.org/10.3390/ma16093366	3.1	3.1	-	-	3.1	3.1	-	-
29.	C. Doroftei, A. Carlescu, L. Leontie, R. Danac , C.M. Al-Matarneh, Structural, Electrical and optical properties of pyrrolo[1,2- <i>i</i>][1,7] phenanthroline based organic	3.1	3.1	-	-	3.4	3.4	-	-

	semiconductors, <i>Materials</i> , (2022), 15(5), 1684. https://doi.org/10.3390/ma15051684								
30.	E. van Dijkum, R. Danac , D.J. Hughes, R. Wood, A. Rees, B. L. Wilkinson and A. J. Fairbanks, Synthesis of glucose derivatives modified at the 4-OH as potential chain-terminators of cellulose biosynthesis; herbicidal activity of simple monosaccharide derivatives, <i>Organic & Biomolecular Chemistry</i> , 7 , (2009), 1097-1105. https://doi.org/10.1039/B820830A	2.9	2.9	-	-	3.762	3.762	-	-
31.	R. Danac , L. Ball, S. J. Gurr, T. Muller and A. J. Fairbanks, Carbohydrate Chain Terminators: Rational Design of Novel Carbohydrate-Based Antifungal Agents, <i>ChemBioChem</i> , 8 , (2007), 1241-1245. DOI: 10.1002/cbic.200700234	2.6	2.6	2.6	-	3.446	3.446	3.446	-
32.	R. Danac , L. Ball, S. J. Gurr and A. J. Fairbanks, Synthesis of UDP-GlcNAc Derivatives Modified at OH-3 as Potential Chain Terminators of Glucan Biosynthesis, <i>Carbohydr. Res.</i> , 343 , (2008), 1012-1022. DOI: 10.1016/j.carres.2008.01.031	2.4	2.4	2.4	-	1.96	1.96	1.96	-
33.	R. Rusu, A. Szumna, N. Rosu, C. Dumea, R. Danac* , New Triazole Appended <i>tert</i> -Butyl Calix[4]arene Conjugates: Synthesis, Hg ²⁺ Binding Studies, <i>Tetrahedron</i> , 71 , (2015), 2922-2926. https://doi.org/10.1016/j.tet.2015.03.060	2.1	2.1	2.1	2.1	2.645	2.645	2.645	2.645
34.	C.M. Al Matarneh, M.O. Apostu, I.I. Mangalagiu, R. Danac* , Reactions of ethyl cyanofomate with cycloimmonium salts: a direct pathway to fused or substituted azaheterocycles, <i>Tetrahedron</i> , 72 , (2016), 4230-4238. DOI: 10.1016/j.tet.2016.05.061	2.1	2.1	2.1	2.1	2.651	2.651	2.651	2.651
35.	N.-L. Marangoci, L. Popovici, E.-L. Ursu, R. Danac , L. Clima, C. Cojocaru, A. Coroaba, A. Neamtu, I.I. Mangalagiu, M. Pinteala, A. Rotaru, Pyridyl-indolizine derivatives as DNA binders and pH-sensible fluorescent dyes, <i>Tetrahedron</i> , 72 , (2016), 8215-8222. https://doi.org/10.1016/j.tet.2016.10.052	2.1	2.1	-	-	2.651	2.651	-	-
36.	R. Danac* , R. Rusu, A. Rotaru, A. Pui, S. Sova, New	2.1	2.1	2.1	2.1	1.546	1.546	1.546	1.546

	Conjugates of Calix[4]arenes Bearing Bipyridine and Indolizine Heterocycles, <i>Supramolecular Chemistry</i> , 24(6) , (2012), 424-435. https://doi.org/10.1080/10610278.2012.688122								
37.	T. Muller, R. Danac , L. Ball, S. J. Gurr and A. J. Fairbanks, Synthesis of UDP-GlcNAc Derivatives Modified at OH-4 as Potential Chain Terminators of Chitin Biosynthesis, <i>Tetrahedron: Asymmetry</i> , 18 , (2007), 1299-1307. https://doi.org/10.1016/j.tetasy.2007.05.032	0	0	-	-	2.634	2.634	-	-
38.	R. Danac* , M. Constantinescu, A. Rotaru, C. Ghirvu, I. Druta, Synthesis of Novel 4,5-Diazafluoren-9-one Derivatives and Theoretical Study of 3+2 Cycloaddition Reactions, <i>J. Heterocycl. Chem.</i> , 41 , (2004), 983-896. https://doi.org/10.1002/jhet.5570410621	2.0	2.0	2.0	2.0	0.814	0.814	0.814	0.814
39.	R. Danac , L. Leontie, A. Carlescu, S. Shova, V. Tiron, G. G. Rusu, F. Iacomì, S. Gurlui, O. Şuşu, Gh. I. Rusu, Electric Conduction Mechanism of Some Heterocyclic Compounds, 4,4'-Bipyridine and Indolizine Derivatives in Thin Films, <i>Thin Solid Films</i> , 612 , (2016), 358-368. https://doi.org/10.1016/j.tsf.2016.06.012	2.0	-	2.0	-	1.879	-	1.879	-
40.	R. Danac , L. Leontie, M. Girtan, M. Prelipceanu, A. Graur, A. Carlescu, G.I. Rusu, On the d.c. electric conductivity and conduction mechanism of some stable disubstituted 4-(4-pyridyl)pyridinium ylides in thin films, <i>Thin Solid Films</i> , 556 , (2014), 216-222. https://doi.org/10.1016/j.tsf.2014.01.076	2.0	-	2.0	-	1.759	-	1.759	-
41.	C. Rimbu, R. Danac , A. Pui, Antibacterial Activity of Pd(II) Complexes with Salicylaldehyde-amino Acids Schiff Bases Ligands, <i>Chemical and Pharmaceutical Bulletin</i> , 62(1) , (2014), 12-15. https://doi.org/10.1248/cpb.c12-01087	1.5	-	-	-	1.164	-	-	-
42.	C. M. Al Matarneh, C. I. Ciobanu, M. O. Apostu, I. I. Mangalagiu, R. Danac* , Cycloaddition versus amidation in reactions of 2-amino-2-oxoethyl phenanthroline ylides to activated alkynes and alkenes, <i>C. R. Chimie</i> , 21(1) (2018), 1-8.	1.2	1.2	1.2	1.2	2.366	2.366	2.366	2.366

	10.1016/j.crci.2017.11.003								
43.	R. Danac , T. Daniloia, V. Antoci, V. Vasilache, I. I. Mangalagiu, Design, Synthesis and Antimycobacterial Activity of Some New Azaheterocycles: Phenanthroline with <i>p</i> -halo-benzoyl Skeleton. Part V, <i>Lett. Drug Des. Discov.</i> , 12 , (2015), 14-17. DOI: 10.2298/JSC150514084A	1.2	1.2	1.2	-	0.974	0.974	0.974	-
44.	C.M. Al Matarneh*, I. Rosca, S. Shova, R. Danac* , Synthesis and properties of new fused pyrrolo-1,10-phenanthroline type derivatives, <i>J. Serb. Chem. Soc.</i> , (2021), 86(10) , 901-915. https://doi.org/10.2298/JSC200819057A	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1
45.	C.M. Al Matarneh, C. I. Ciobanu, I. I. Mangalagiu, R. Danac* , Design, synthesis and antimycobacterial evaluation of some new azaheterocycles with 4,7-phenanthroline skeleton. Part VI, <i>J. Serb. Chem. Soc.</i> 81(2) (2016), 133-140. https://doi.org/10.2298/JSC150514084A	1.0	1.0	1.0	1.0	0.822	0.822	0.822	0.822
46.	A. Rotaru, I. Druta, E. Avram, R. Danac* , Synthesis and properties of fluorescent 1,3-substituted mono and biindolizines”, <i>Arkivoc</i> , 13, (2009), 287-299. DOI: 10.3998/ark.5550190.0010.d25	0.8	0.8	0.8	0.8	1.09	1.09	1.09	1.09
47.	C.M. Al Matarneh, M.C. Sardaru, M.O. Apostu, I. Rosca, C. I. Ciobanu, I.I. Mangalagiu, R. Danac , Synthesis and antibacterial evaluation of new pyrrolo[3',4':3,4]pyrrolo[1,2- <i>a</i>]quinoline and pyrrolo[3',4':3,4]pyrrolo[2,1- <i>a</i>]isoquinoline derivatives, <i>Studia UBB Chimia</i> , LXIV(3) , (2019), 67-80. DOI: 10.24193/subbchem.2019.3.06	0.5	0.5	0.5	0.5	0.494	0.494	0.494	0.494
	Total FI	158.3	142.2	89.2	64.7	133.22	120.092	81.227	62.494
	Cerinte CNADCTU abilitare	100	70	50	25	100	70	50	25

I.2. Îndeplinirea Indicelui Hirsch (*h index*):

h-index conform Scopus – 18

h-index conform Web of Science – 18

II. Îndeplinirea standardelor minime obligatorii suplimentare pe domeniul chimie ale Universității „Alexandru Ioan Cuza” Iași

II.1. Doua granturi nationale sau internationale castigate prin competitie ca director de proiect – îndeplinit

1. Project manager for PNII, MEC-CNCSIS code: IDEI_2023/2008-2011, Project title: Synthesis of new substituted calixarenes containing bipyridines and phenanthrolines derivatives and their properties and potential applications. (grant value: 100000EUR)
2. Project manager for Grant no. 3 CNCSIS 172 (2005-2006) Project title: Synthesis of New Phenanthroline and Bipyridine Derivatives and Their Biological, Electrical and Optical Properties (grant value: 20000 RON).

II.2. Un grant international castigat prin competitie ca membru/director de proiect – îndeplinit

1. PI for Intra-european Marie Curie Fellowship, contract MEIF-CT-2005-022646, 2005-2007 – “New Inhibitors of Bacterial and Fungal Cell Wall Biosynthesis”, Oxford University, UK (grant value: 229000 euro).
2. Research team member: Grant bilateral Romania – Moldova, grant nr. 31BM/15.09.2016, 2016-2017, Titlu: Sinteza dirijată și studiul unor complecși chirali conținând liganzi terpeno-heterociclici, Finantator: Guvernul Moldovei si Guvernul Romaniei (ANCS, PN-II, Modul III), Directori: conf.dr. Costel Moldoveanu, Romania/ CP I.dr. Aculina Aracu, Academy of Science of Rep. Moldova (Valoare 2016: 15.000 Lei, Valoare 2017: 15.000 Lei).
3. Research team member: Grant bilateral Romania – Moldova, grant nr. 682/2013, perioada: 2013-2014. Project title: Synthesis of new biological active compounds with terpenic structural units, Funded by UEFISCDI, Ministry of Education in Romania and Government of Moldova, Directori de proiect: Conf. dr. Gheorghică ZBANCIOC Universitatea Alexandru Ioan Cuza Iasi / CP I. dr. Alexandru Ciocârlan, Academia de Stiinta a Moldovei. (Valoarea grantului: 29.000 RON).
4. Research team member: Grant bilateral Romania – Moldova, grant nr. 418/02.06.2010, Project title: Biologically active compounds with terpenoid and azaheterocycle skeleton through conventional and nonconventional methods, Finantator: Guvernul Moldovei si Guvernul Romaniei (ANCS, PN-II, Modul III), Directori: prof. dr. Ionel Mangalagiu, Romania/ CP I. dr. Aculina Aricu, Academy of Science of Republica Moldova.

5. Research team member: World Bank Grant type C, no. 27423/23.02.2000, code CNCSU/ CNIFS 109, "Researches in the field of cycloimmonium ylides (nitrogen-ylides). synthesis, structure, reactivity and applications", Project manager: dr. Ionel Mangalagiu.

II.3. **Trei carti/capitole de carte/cursuri/manuale de exercitii si probleme**– îndeplinit

1. **R. Danac**, M. Roman, Probleme de analiza structurala organica, Editura Sedcomlibris, Iasi, 2006. (ISBN: 973-670-156-5)).
2. I.I. Mangalagiu, **R. Danac**, C. Moldoveanu, G. Zbancioc, Chimie si Toxicologie Judiciara. Separatologie Judiciara. Editura,,AIT –SRL Laboratory, Bucuresti 2011. (ISBN: 978-606-8363-09-7x2).
3. R.M. Amarandi, M.C. Al-Matarneh, **R. Danac**, Alcaloizi indolici naturali, Ed. „Al. I. Cuza” University of Iasi, 2017 (ISBN: 978-606-714-401-7).
4. **R. Danac**, D. Amariuca-Mantu, V. Antoci, G. Zbancioc, V. Mangalagiu, I.I. Mangalagiu, Microwave assisted reactions for synthesis of bioactive azaheterocycles:, capitol de carte in: *Current Advances in Chemistry and Biochemistry*, vol. 3, Book Publisher International, **2021**, 17-50. (ISSN: 978-93-90768-91-2 (eBook))
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II.4. **minim 200 de puncte de la ultima promovare**– îndeplinit

Lista cu punctajele obținute la autoevaluarea anuală de la ultima promovare (2020):

Punctaj autoevaluare 2020– 1543 puncte

Punctaj autoevaluare 2021– 1321 puncte;

Punctaj autoevaluare 2022 – 2005 puncte;

Punctaj autoevaluare 2023 – 2065 puncte;

Punctaj autoevaluare 2024 – 1874 puncte;

Total punctaj autoevaluare 2020 - 2024 – 8799 puncte;

II.5. **Activitatea stiintifica trebuie sa fie obligatoriu din domeniul postului** - îndeplinit

Activitatea științifică reprezentată prin lucrări științifice publicate în jurnale științifice sau prezentate la conferințe, precum și de contractele de cercetare științifică:

✓ **Mai mult de 65 de articole** în reviste cu factor de impact în domeniul chimiei (sinteza organica, chimie medicinala, chimia heterociclurilor, chimie supramoleculara și stiinta materialelor) (*Vezi Criteriul I.2. și Lista de lucrări*);

✓ **Mai mult de 130 de lucrări prezentate la conferințe** naționale și internaționale în domeniul chimiei (sinteza organica, chimie medicinala, chimia heterociclurilor, chimie supramoleculara și stiinta materialelor) (*Vezi Lista de lucrări*);

✓ **14 granturi** dintre care **3 granturi** câștigate prin competiție **ca director/PI** și alte **11 granturi ca membru** (*Vezi Lista de lucrări*);

10.02.2025

Prof. dr. Ramona Danac

