

FIȘĂ DE AUTOEVALUARE

în conformitate cu prevederile fișei de evaluare generală a standardelor Universității

ANEXA 1

DESCRIPTORI	PUNCTAJ
1. Articole științifice publicate <i>in extenso</i> în reviste cotate Web of Science cu factor de impact	222.637
2. Articole științifice publicate <i>in extenso</i> în reviste indexate fără factor de impact	10.000
3. Articole științifice publicate <i>in extenso</i> în reviste indexate BDI	3.750
4. Articole științifice publicate <i>in extenso</i> în volumele conferințelor	21.000
5. Cărți științifice publicate (doar prima ediție)	0
6. Cărți științifice traduse și publicate în edituri din străinătate	0
7. Coordonarea și editarea de volume, traduceri și antologii	0
8. Articole publicate în dicționare și enciclopedii	0
9. Contracte de cercetare științifică în instituții academice (universități, institute ale Academiei Române, institute naționale de cercetare, institute de cercetare din străinătate, alte categorii de institute academice)	20.941
10. Contracte de cercetare în mediul de afaceri și sectorul public	0
11. Brevete	3.750
12. Citări și recenzii ale creației de autor	517.784
13. Lucrări susținute în calitate de invitat la manifestări științifice (conferințe, congrese, simpozioane, seminarii și ateliere de lucru)	0
14. Profesor/cercetător invitat la universități/institute de cercetare	0
15. Editor, membru în Editorial Board la reviste și edituri recunoscute	0
16. Premii internaționale obținute printr-un proces de selecție	0
17. Premii ale Academiei Române	0
18. Alte premii naționale ale instituțiilor culturale	27.500
19. Participări la manifestări științifice	222.000
TOTAL	1049.3620

Nr. crt.	Descriptor	Punctaj
1.	Articole științifice publicate <i>in extenso</i> în reviste cotate Web of Science cu factor de impact Total: 222.637 puncte	
1.	Diaconu, D. , Antoci, V., Mangalagiu, V., Amăriucăi-Mantu, D., Mangalagiu, I.I., Quinoline - imidazole/benzimidazole derivatives as dual- / multi- targeting hybrids inhibitors with anticancer and antimicrobial activity, <i>Scientific Reports</i> , 12, 16988, 2022 . https://doi.org/10.1038/s41598-022-21435-6	(60x4.998+25)/5=64.976
2.	Diaconu, D. , Amăriucăi-Mantu, D., Antoci, V., Ciorteanu, R., Mangalagiu, V., Mangalagiu, I.I., Design and synthesis of new hybrid pyridine-imidazolium/benzimidazolium salts with antibacterial activity, <i>Revue Roumaine de Chimie</i> , 67 (1-2), 89-92, 2022 . DOI:10.33224/rch.2022.67.1-2.07	(60x0.499+25)/6=9.156
3.	Diaconu, D. , Amăriucăi-Mantu, D., Mangalagiu, V., Antoci, V., Zbancioc, G., Mangalagiu, I.I., Ultrasound assisted synthesis of hybrid quinoline-imidazole derivatives: a green synthetic approach, <i>RSC Advances</i> , 11, 38297-38301, 2021 . https://doi.org/10.1039/D1RA07484A	(60x4.036+25)/6=44.526
4.	Diaconu, D. , Mangalagiu, V., Amăriucăi-Mantu, D., Antoci, V., Giuroiu, C.L., Mangalagiu, I.I., Hybrid quinoline-sulfonamide complexes (M ²⁺) derivatives with antimicrobial activity, <i>Molecules</i> , 25(12), 2946, 2020 . doi.org/10.3390/molecules25122946	(60x4.927+25)/6=53.436
5.	Antoci, V., Cucu, D. , Zbancioc, G., Moldoveanu, C., Mangalagiu, V., Amăriucăi-Mantu, D., Aricu, A., Mangalagiu, I.I., Bis-(imidazole/ benzimidazole)-pyridine derivatives: synthesis, structure and antimycobacterial activity. Part XII, <i>Future Medicinal Chemistry</i> , 12(3), 207-222, 2020 . doi.org/10.4155/fmc-2019-0063	(60x4.767+25)/8=38.877
6.	Cucu, D. , Mangalagiu, V., Amăriucăi-Mantu, D., Antoci, V., Mangalagiu I.I., Imidazolium ylides: cycloaddition versus hydrolysis, <i>Studia UBB Chemia</i> , LXIV, 3, 59-66, 2019 . DOI:10.24193/subbchem.2019.3.05	(60x0.558+25)/5=11.696
2.	Articole științifice publicate <i>in extenso</i> în reviste indexate ISI fără factor de impact Total: 10.000 puncte	
1.	Cucu (Diaconu), D. , Mangalagiu, V., Pyridine-imidazolium salts: oxidatively cleavage of N-C bond via nitration, <i>Molbank</i> , M1095, doi:10.3390/M1095, 2019 . https://doi.org/10.3390/M1095	20/2=10.000
3.	Articole științifice publicate <i>in extenso</i> în reviste indexate BDI Total: 3.750 puncte	
1.	Cucu (Diaconu), D. , Amăriucăi-Mantu, D., Dunca, S.I., Mangalagiu, I.I., Design, synthesis and antimicrobial properties of some new 8-aminoquinoline derivatives, <i>New Frontiers in Chemistry</i> , 28, 93-94, 2019 . http://newfrontchem.iqstorm.ro/upload/XYZ-NFC-28-2_All-in-All.pdf	15/4=3.750
4.	Articole științifice publicate <i>in extenso</i> în volumele conferințelor Total: 21.000 puncte Indexate ISI	
1.	Diaconu, D. , Mangalagiu, V., Ciorteanu, R., Mangalagiu, I.I., MATERIALS BASED ON QUINOLINE SULFONAMIDE - METALS WITH ANTIMICROBIAL ACTIVITY AND THEIR X-RAY CHARACTERISATION, Proceedings 31st International Conference on Metallurgy and Materials, 739-744, 2022 . https://doi.org/10.37904/metal.2022.4495	30/4=7.500
2.	Cucu, D. , Amăriucăi-Mantu, D., Antoci, V., Mangalagiu I.I., Quinoline derivatives anchored with imidazole moiety: synthesis, structure and biological activity, <i>Journal of Chemical Sciences</i> , DOI: 10.4172/2150-3494-C4-027, 9, 47, 2018 . (Factor de impact 1.573)	30/4=7.500
3.	Mangalagiu, V., Amăriucăi-Mantu, D., Cucu, D. , Antoci, V., Mangalagiu, I.I., Azaheterocycles with antimycobacterial activity, <i>Journal of Chemical Sciences</i> , DOI: 10.4172/2150-3494-C4-027, 9, 53, 2018 . (Factor de impact 1.573)	30/5=6.000
9.	Contracte de cercetare științifică în instituții academice (universități, institute ale Academiei Române, institute naționale de cercetare, institute de cercetare din străinătate, alte categorii de institute academice) Total: 20.941 puncte	

Director la contracte naționale

Total 7.630 puncte

1. **PN-III-P1-1.1-MC-2018-0744** Director al proiectului de mobilitate pentru cercetători (cod **PN-III-P1-1.1-MC-2018-0744**), acronim MC 2018, contract de finanțare 159/06.07.2018. Participarea la conferința internațională cu titlul 5th *International Conference on Organic and Inorganic Chemistry*, desfășurată în Paris, Franța în perioada 12-13 Iulie 2018. (15400 lei) (50x15400/500000)= 1.540
2. **PN-III-P1-1.1-MC-2019-2181** Director al proiectului de mobilitate pentru cercetători (cod **PN-III-P1-1.1-MC-2019-2181**), acronim MC 2019, contract de finanțare 447/29.11.2019. Participarea la conferința internațională cu titlul 2nd *World Chemistry Congress*, desfășurată în Roma, Italia în perioada 28-29 Octombrie 2019. (10971,27 lei) (50x10971/500000)= 1.090
3. **GI-UAIC-2021-10** Director al proiectului de cercetare cu titlul Hybrid quinoline-sulfonamide complexes (M2+): synthesis, structure and applications - **QSA-COMPLEXES** (perioada 03.01.22- 31.12.2023) (50000 lei) (50x50000/500000)= 5.000

Membru în contracte naționale

Total 13.311 puncte

1. PN-III-P4-ID-PCE-2020-0371, Contract de finanțare nr. PCE 115 din 11/02/2021, <https://teclu.chem.uaic.ro/antimheteco/reports/2021-report/>, Towards the development of next generation of antimicrobials agents with hybrid azaheterocycle skeleton using eco-friendly methods, ANTIM-HET-ECO, Director de Proiect: Prof. dr. Ionel MANGALAGIU (Membri implicați în proiect: Simona Cristina Dunca, Gheorghita Zbancioc, Violeta Mangalagiu, Vasilichia Antoci, Ramona Danac, Dorina Amăriucăi-Mantu, **Dumitrele Diaconu**, Cristina Ion, Roxana Ciorteanu). **Valoare totala proiect: 1198032 lei.** (50x1198032/500000)/9= 13.311

11. Brevete**Total: 3.750 puncte****Naționale**

1. Mangalagiu, I.I., Amăriucăi-Mantu, D., Antoci, V., Zbancioc, G., Moldoveanu, C., **Cucu, D.**, Danac, R., Mangalagiu, V., Obtaining class of anthracene-imidazole compounds with anti-tuberculosis effect by performing N-alkylation imidazole and benzimidazole with 9-chloromethyl-anthracene, and subjecting intermediates to quaternization, Patent RO (Oficiul de Stat pentru Inventii si Marci-OSIM), no. RO134192-A0/2020, Derwent Primary Accession Number: 2020-605892, **2020**. (Cerere brevet) 30/8= 3.750

12. Citări și recenzii ale lucrărilor științifice**Total: 517.784 puncte****În reviste de specialitate din străinătate**

Lucrarea: *Quinoline - imidazole/benzimidazole derivatives as dual- / multi- targeting hybrids inhibitors with anticancer and antimicrobial activity*, *Scientific Reports*, 12, 16988, 2022. **Dumitrele Diaconu**, Vasilichia Antoci, , Violeta Mangalagiu, Dorina Amăriucăi-Mantu, Ionel I. Mangalagiu, (**Număr de autori: 5**)

Total: **20.004** puncte

1. Moutaouakil, M; Tighadouini, S; Quinoline Derivatives with Different Functional Groups: Evaluation of Their Catecholase Activity, *CATALYSTS*, DOI10.3390/catal12111468, 2022. (20x4.50 1+10)/5= 20.004
FI: 4.501

Lucrarea: *Ultrasound assisted synthesis of hybrid quinoline-imidazole derivatives: a green synthetic approach*, *RSC Advances*, 11, 38297-38301, **2021**. **Dumitrele Diaconu**, Dorina Amăriucăi-Mantu, Violeta Mangalagiu, Vasilichia Antoci, Gheorghita Zbancioc, G., Ionel I. Mangalagiu. (**Număr de autori: 6**)

Total: **18.323** puncte

1. Diaconu, D; Antoci, V; Quinoline-imidazole/benzimidazole derivatives as dual-/multi-targeting hybrids inhibitors with anticancer and antimicrobial activity, *SCIENTIFIC REPORTS*, DOI10.1038/s41598-022-21435-6, 2022. FI: **4.997** (20x4.99 7+10)/6= 18.323

Lucrarea: *Hybrid quinoline-sulfonamide complexes (M²⁺) derivatives with antimicrobial activity*, *Molecules*, 25 (12), 2946, 2020. Autorii: **Dumitrele Diaconu**, Violeta Mangalagiu, Dorina Amăriucăi-Mantu, Vasilichia Antoci, Cristian Levente Giuroiu., Ionel I. Mangalagiu. (**Număr de autori: 6**)

Total: **170.267** puncte

1. Wang, RB; Wei, M; Synthesis of ruthenium polypyridine complexes with benzyloxyl groups and their antibacterial activities against *Staphylococcus aureus*, *JOURNAL OF INORGANIC BIOCHEMISTRY*, DOI10.1016/j.jinorgbio.2022.111954, 2022. FI: **4.336** (20x4.33 6+10)/6= 16.120
2. Diaconu, D; Antoci, V; Quinoline-imidazole/benzimidazole derivatives as dual-/multi-targeting hybrids inhibitors with anticancer and antimicrobial activity, *SCIENTIFIC* (20x4.99 7+10)/6=

- REPORTS, DOI10.1038/s41598-022-21435-6, 2022. FI: **4.997** 18.323
3. Amariuca-Mantu, D; Mangalagiu, V; Hybrid Azine Derivatives: A Useful Approach for Antimicrobial Therapy, PHARMACEUTICS, DOI10.3390/pharmaceutics14102026, 2022. FI: **6.525** (20x6.52 5+10)/6= 23.416
 4. Scarim, C.B., Pavan, F.R., An overview of sulfonamide-based conjugates: Recent advances for tuberculosis treatment, DRUG DEVELOPMENT RESEARCH, DOI10.1002/ddr.21913, 2022. FI: **5.004** (20x5.00 4+10)/6= 18.346
 5. Ibrahim, NM; Fahim, SH; Design and synthesis of ciprofloxacin-sulfonamide hybrids to manipulate ciprofloxacin pharmacological qualities: Potency and side effects, EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, DOI10.1016/j.ejmech.2021.114021, 2022. FI: **7.088** (20x7.08 8+10)/6= 25.293
 6. Liang, J., Sun, D.J., Yang, Y.Y., et al., Discovery of metal-based complexes as promising antimicrobial agents, EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, 224, 113696, 2021. FI: **7.088** (20x7.08 8+10)/6= 25.293
 7. Antoci, V., Oniciuc, L., Amăriucăi-Mantu, D., et al., Benzoquinoline Derivatives: A Straightforward and Efficient Route to Antibacterial and Antifungal Agents, PHARMACEUTICALS, 14 (4), 335, 2021. FI: **5.215** (20x5.21 5+10)/6= 19.050
 8. Basha, A.F., Khan, F.L.A., Muthu, S., et al., Computational evaluation on molecular structure (Monomer, Dimer), RDG, ELF, electronic (HOMO-LUMO, MEP) properties, and spectroscopic profiling of 8-Quinolinesulfonamide with molecular docking studies, COMPUTATIONAL AND THEORETICAL CHEMISTRY, 1198, 113169, 2021. FI: **2.292** (20x2.29 2+10)/6= 9.306
 9. Shahzad S., Qadir M.A., Ahmed M., et. all, Folic acid-sulfonamide conjugates as antibacterial agents: Design, synthesis and molecular docking studies, RSC ADVANCES, 10 (70), 42983-42992, 2020. FI: **4.036** (20x4.03 6+10)/6= 15.120
- Lucrarea:** *Bis-(imidazole/benzimidazole)-pyridine derivatives: synthesis, structure and antimycobacterial activity, Future Medicinal Chemistry*, 12 (3), 207-222, 2020. Autorii: Vasilichia Antoci, **Dumitrela Cucu**, Gheorghiță Zbancioc, Costel Moldoveanu, Violeta Mangalagiu, Dorina Amăriucăi-Mantu, Aculina Aricu, Ionel I. Mangalagiu. (**Număr de autori: 8**)
- Total: **218.976** puncte
1. Diaconu, D; Antoci, V; Quinoline-imidazole/benzimidazole derivatives as dual-/multi-targeting hybrids inhibitors with anticancer and antimicrobial activity, SCIENTIFIC REPORTS, DOI10.1038/s41598-022-21435-6, 2022. FI: **4.997** (20x4.99 7+10)/8= 13.742
 2. Amariuca-Mantu, D; Mangalagiu, V; Hybrid Azine Derivatives: A Useful Approach for Antimicrobial Therapy, PHARMACEUTICS, DOI10.3390/pharmaceutics14102026, 2022. FI: **6.525** (20x6.52 5+10)/8= 17.562
 3. Zbancioc, G; Mangalagiu, II; A Review on the Synthesis of Fluorescent Five- and Six-Membered Ring Azaheterocycles, MOLECULES, DOI10.3390/molecules27196321, 2022. FI: **4.927** (20x4.92 7+10)/8= 13.567
 4. Ebenezer, O; Jordaan, MA; An Overview of the Biological Evaluation of Selected Nitrogen-Containing Heterocycle Medicinal Chemistry Compounds, INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, DOI10.3390/ijms23158117, 2022. FI: **6.208** (20x6.20 8+10)/8= 16.770
 5. Zbancioc, G; Ciobanu, CI; Ultrasound-Assisted Synthesis of Fluorescent Azatetracyclic Derivatives: An Energy-Efficient Approach, MOLECULES, DOI10.3390/molecules27103180, 2022. FI: **4.927** (20x4.92 7+10)/8= 13.567
 6. Bal, JK; Das, N; Physicochemical Properties of a Bi-aromatic Heterocyclic-Azo/BSA Hybrid System at the Air-Water Interface, ACS OMEGA, DOI10.1021/acsomega.2c00572, 2022. FI: **4.132** (20x4.13 2+10)/8= 18.000
 7. Pfleg, V., Maixnerova, J., Stolarikova, J., at al., Design and Synthesis of Highly Active Antimycobacterial Mutual Esters of 2-(2-Isonicotinoylhydrazineylidene)propanoic Acid, PHARMACEUTICALS, 14 (12), 1302, 2021. FI: **5.215** (20x5.21 5+10)/8= 14.287
 8. Diaconu, D., Amăriucăi-Mantu, D., Mangalagiu,V., et al., Ultrasound assisted synthesis of hybrid quinoline-imidazole derivatives: a green synthetic approach, RSC ADVANCES, 11 (60), 38297-38301, 2021. FI: **4.036** (20x4.03 6+10)/8= 11.340
 9. Dhameliya, T.M., Bhakhar, K.A. Gajjar, N.D., Recent advancements and developments in search of anti-tuberculosis agents: A quinquennial update and future directions, JOURNAL OF MOLECULAR STRUCTURE, 1248, 131473, 2022. FI: **3.841** (20x3.84 1+10)/8= 10.852
 10. Li, Y.J., Lin, L.D., Liu, J.H., et al., Synthesis and Protein Tyrosine Phosphatase 1B (PTP1B) (20x0+ 10)/8=

- Inhibitory Activity Evaluation of Novel N-Acylhydrazone Derivatives Containing Carbazole and Aromatic Ring/Aromatic Fused Heterocycle, CHINESE JOURNAL OF ORGANIC CHEMISTRY, 41 (9), 3593-3607, 2021. **FI: 0** 1.250
11. Ubeid, M.T., Thabet, H.K., Abu Shuheil, M.Y., Synthesis of 4-[(1H-Benzimidazol-2-yl)sulfanyl]benzaldehyde and 2-[(4-[(1H-Benzimidazol-2-yl)sulfanyl]phenyl)methylidene]hydrazine-1-carbothioamide, MOLBANK, 2021 (3), M1273, 2021. **FI: 0** (20x0+10)/8=1.250
 12. Amăriucăi-Mantu, D., Mangalagiu, V., Ciobanu, C.I., et al., Hybrid Pyridine Bis-Anthracene-Imidazolium Salt: NMR Studies on Zn-Acetate Complexation, MOLBANK, 2021 (3), M1280, 2021. **FI: 0** (20x0+10)/8=1.250
 13. Koszelewski, D., Ostaszewski, R., Smigielski, P., et al. Pyridine Derivatives-A New Class of Compounds That Are Toxic to E. coli K12, R2-R4 Strains, MATERIALS, 14 (18), 5401, 2021. **FI: 3.748** (20x3.748+10)/8=10.620
 14. Talaat, W., Elonsy, S., Keshk, R.M., et al., Fluorescent sensing for some nitric oxide donors in dosage forms and biological matrices, SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, 257, 119788, 2021. **FI: 4.831** (20x4.831+10)/8=13.327
 15. Moldoveanu, C., Mangalagiu, I.I., Zbancioc, G., Fluorescent Azasteroids through Ultrasound Assisted Cycloaddition Reactions, MOLECULES, 26 (16) 5098, 2021. **FI: 4.927** (20x4.927+10)/8=13.567
 16. Macsim, A.M., Georgescu, E., Georgescu, F., et al., Benzimidazolium salts as starting materials or intermediates in 1,3-dipolar cycloadditions, MONATSHFTE FÜR CHEMIE, 152 (7), 845-852, 2021. **FI: 1.613** (20x1.613+10)/8=5.282
 17. Ben Hassen, M., Masmoudi, F., Zribi, L., Regioselective Synthesis of Novel [1,2,4]Triazolo[1,5-a]pyridine Derivatives, CHEMISTRYSELECT, 6 (5), 945-950, 2021. **FI: 2.307** (20x2.307+10)/8=7.017
 18. Vlasov, S.V., Vlasova, O.D., Severina, H.I., et al., Design, Synthesis and In Vitro Antimicrobial Activity of 6-(1H-Benzimidazol-2-yl)-3,5-dimethyl-4-oxo-2-thio-3,4-dihydrothieno[2,3-d]pyrimidines, SCIENTIA PHARMACEUTICA, 89 (4), 49, 2021. **FI: 0** (20x0+10)/8=1.250
 19. Pardeshi V.A.S., Chundawat N.S., Pathan S.I., et. al, A review on synthetic approaches of benzimidazoles, SYNTHETIC COMMUNICATIONS, DOI: 10.1080/00397911.2020.1841239, 2020. **FI: 1.937** (20x1.937+10)/8=6.092
 20. Rossi R., Ciofalo, M., An updated review on the synthesis and antibacterial activity of molecular hybrids and conjugates bearing imidazole moiety, MOLECULES, 25 (21), 5133, 2020. **FI: 4.927** (20x4.927+10)/8=13.567
 21. Diaconu D., Mangalagiu V., Amăriucăi-Mantu D., et, al, Hybrid quinoline-sulfonamide complexes (M^{2+}) derivatives with antimicrobial activity, MOLECULES, 25(12), 2946, 2020. **FI: 4.927** (20x4.927+10)/8=13.567
- Lucrarea: IMIDAZOLIUM YLIDES: CYCLOADDITION versus HYDROLISIS, Studia Universitatis Babes-Bolyai Chimia, 64 (3), 59-66, 2019. Autorii: Dumitrelea Cucu, Violeta Mangalagiu, Dorina Amăriucăi-Mantu, Vasilichia Antoci, Ionel I.Mangalagiu, (Număr de autori: 5)**
- Total: **22.144** puncte
1. Diaconu, D., Amăriucăi-Mantu, D., Mangalagiu,V., et al., Ultrasound assisted synthesis of hybrid quinoline-imidazole derivatives: a green synthetic approach, RSC ADVANCES, 11 (60), 38297-38301, 2021. **FI: 4.036** (20x4.036+10)/5=18.144
 2. Amăriucăi-Mantu, D., Mangalagiu, V., Ciobanu, C.I., et al., Hybrid Pyridine Bis-Anthracene-Imidazolium Salt: NMR Studies on Zn-Acetate Complexation, MOLBANK, 2021 (3), M1280, 2021. **FI: 0** (20x0+10)/5=2.000
 3. Cucu (Diaconu), D., Mangalagiu, V., Pyridine-Imidazolium Salts: Oxidatively Cleavage of N-C Bond via Nitration, MOLBANK, 2019 (4), M1095, 2019. **FI: 0** (20x0+10)/5=2.000
- Lucrarea: Pyridine-Imidazolium Salts: Oxidatively Cleavage of N-C Bond via Nitration, MolBank, 2019 (4), 59-66, 2019. Autorii: Dumitrelea Cucu-Diaconu, Violeta Mangalagiu (Număr de autori: 2)**
- Total: **68.070** puncte
1. Kadagathur, M; Shaikh, AS; Synthesis of indolo/pyrroloazepinone-oxindoles as potential cytotoxic, DNA-intercalating and Topo I inhibitors, BIOORGANIC CHEMISTRY, DOI10.1016/j.bioorg.2022.105706, 2022. **FI: 5.307** (20x5.307+10)/2=58.070
 2. Amăriucăi-Mantu, D., Mangalagiu, V., Ciobanu, C.I., et al., Hybrid Pyridine Bis-Anthracene-Imidazolium Salt: NMR Studies on Zn-Acetate Complexation, MOLBANK, 2021 (3), M1280, (20x0+10)/2=

2021. FI: 0		5.000
3.	D'Errico, S.E., Editorial: Special Issue "Molecules from Side Reactions", MOLBANK, 2020 (4), M1172, 2020. FI: 0	(20x0+10)/2=5.000
18.	Alte premii naționale ale instituțiilor culturale	
	Total: 27.500 puncte	
1.	Premiul de Excelență pentru performanțe academice deosebite obținute pe parcursul anului universitar 2020-2021. Cucu (căs. Diaconu) Dumitrelea	20.000
2.	Premiul II- Cel mai bun poster IASICHEM 2018. IasiChem 2018, Faculty of Chemistry Conference, Iași, România, 25-26 October 2018. Cucu, D. , Amăriucăi-Mantu, D., Ciobanu, C.I., Mangalagiu, I.I., Synthesis and characterization of some novel hybrids based on pyridine/quinoline and imidazole/benzimidazole moieties, Abstract in Book of abstracts IasiCHEM 2018, pp. 44, 2018. (Poster)	20/4=5.000
3.	Diplomă de onoare (Medal Inventiva 2019): Mangalagiu, I.I.; Amariuca-Mantu, D; Antoci, V., Zbancioc, Ghe., Moldoveanu, C., Cucu, D. , Danac, R., Mangalagiu, V., Process for obtaining a novel class of anthracene-imidazole compounds with antituberculosis activity, (P130, pag. 167 (Poster); oferită de: The 23rd International Exhibition of Inventions - "INVENTICA 2019", Iași, România, June 26-28, 2019.	20/8=2.500
19.	Participări la manifestări științifice	
	Total: 222.000 puncte	
	Internaționale	
	Total 190.000 puncte	
1.	Diaconu, D. , Amăriucăi-Mantu, D., Mangalagiu, V., Antoci, V., Dunca, S.I., Mangalagiu, I.I., M2+ complexation of hybrid quinoline-sulfonamide derivatives: an useful approach for increasing antimicrobial activity, Abstract in Book of Abstracts of 22nd Tetrahedron Symposium, P2.33, 2022 .	10.000
2.	Diaconu, D. , Mangalagiu, V., Mangalagiu, I.I. New Materials Based on Quinoline Sulfonamide - Metals with Antimicrobial Activity. METAL 2022 - 31st International Conference on Metallurgy and Materials, Brno, Czech Republic, May 18 - 19, 2022 .	10.000
3.	Mangalagiu, V., Amăriucăi-Mantu, D., Antoci, V., Diaconu, D. , Danac, R., Moldoveanu, C., Zbancioc, G., Mangalagiu, I.I., Ecologically friendly methods used in heterocyclic chemistry, The 7th International Conference Ecological and Environmental Chemistry-2022, March 3-4, 2022, Chisinau, Republic of Moldova, 2022 .	10.000
4.	Amăriucăi-Mantu, D., Oniciuc, L., Diaconu, D. , Ciobanu, C., Mangalagiu, I.I., Mangalagiu, V., Antoci, V., Novel tetrahydropyrrolo-benzo[f]quinoline compounds: synthesis and characterizations, 4th International Conference on Sustainable Science and Technology (ICSuSaT-2021), Turcia 01-02 Octombrie, 2021 .	10.000
5.	Mangalagiu, V., Diaconu, D. , Mangalagiu, I.I., Quinoline derivatives: a NMR structure elucidation, Adriatic NMR Conference, 13-15 Septembrie, 2021, Primosten, Croația, 2021 .	10.000
4.	Ciorteanu, R., Diaconu, D. , Antoci, V., Amăriucăi-Mantu, D., Ciobanu, C., Mangalagiu, V., Mangalagiu, I.I., New hybrid quaternary salts with pyridine/benzimidazole skeleton, New Frontiers in Natural Product Chemistry, 4 Iunie, 2021, Chișinău, Republica Moldova, 2021 .	10.000
5.	Diaconu, D. , Roman, T., Amăriucăi-Mantu, D., Antoci, V., Mangalagiu, V., Mangalagiu, I.I., Quinoline-sulfonamides derivatives: synthesis, characterisation and biological activity evaluation, 7 th International Conference on Computational and Experimental Science and Engineering, ICCESSEN-2020, 21-25 Octombrie, 2020, Antalya, Turcia, <i>online</i> .	10.000
6.	Antoci, V., Amăriucăi-Mantu, D., Diaconu, D. , Zbancioc, G., Moldoveanu, C., Ciobanu, C., Mangalagiu, V., Mangalagiu, I.I., New benzo[f]quinolines derivatives: synthesis, structure and antimicrobial activity evaluation, 7 th International Conference on Computational and Experimental Science and Engineering, ICCESSEN-2020, 21-25 Octombrie, 2020, Antalya, Turcia, <i>online</i> .	10.000
7.	Mangalagiu, I.I., Diaconu, D. , Zbancioc, G., Moldoveanu, C., Mangalagiu, V., Synthesis, structure and applications of newly hybrid azaheterocycles, 7 th International Conference on Computational and Experimental Science and Engineering, ICCESSEN-2020, 21-25 Octombrie, 2020, Antalya, Turcia, <i>online</i> .	10.000
8.	Mangalagiu, V., Diaconu, D. , Zbancioc, G., Moldoveanu, C., Danac, R., Mangalagiu, I.I.,	10.000

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 10. **Cucu (Diaconu), D.**, Amăriucăi-Mantu, D., Antoci, V., Mangalagiu, I.I., Design and synthesis of a novel quinoline-based potential antileishmanial agents, 2nd World Congress on Chemistry, Chemistry-2019, Roma, Italia, 28-29 Octombrie, 2019 pag. 23, 2019. 10.000
 11. Mangalagiu, I.I., Mangalagiu, V.; Antoci, V., Amariuca-Mantu, D., **Cucu, D.**, Discovery of antituberculosis derivatives: a challenging issue, 6th International Conference on Computational and Experimental Science and Engineering, ICCES- 2019, Antalya, Turcia, 23-27 Octombrie, 70-132, pag. 368, 2019. 10.000
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 13. Antoci, V., Amariuca-Mantu, D., **Cucu, D.**, Mangalgiu, V., Loiseau, P., Cojean, S., Ciobanu, C.I., Zbancioc, G., Mangalagiu I.I., New PyrroloBenzoQuinonePhthalazines and PyrroloBenzoQuinonePyridazines: Synthesis, Structure and Anti-leishmaniasis Activity, 21st Romanian International Conference on Chemistry and Chemical Engineering, RICCE 21, Constanta, Romania, 4-7 Septembrie, 2019, S1-051, 2019. 10.000
 14. Mangalagiu, I.I., Amariuca-Mantu, D., Antoci, V., Zbancioc, G., Moldoveanu, C., **Cucu, D.**, Danac, R., Mangalagiu, V., Process for obtaining a novel class od antracene-imidazole compounds with antituberculosis activity, The 23rd International Exhibition of Inventics, INVENTICA 2019, Iași, România, 26-28 Iunie 2019, Patent A/00163/13.03.2019, pag. 167, 2019. 10.000
 15. **Cucu, D.**, Antoci, V., Amariuca-Mantu, D., Drochioiu, G., Mangalagiu V., Chemosensors based on imidazole moiety and their coordination complexes with bivalent metals, World Congress on Functional Materials and Nanotechnology, WCFMN 2019, Valencia, Spania, 13-14 Mai, 2019, poster nr. 13, 2019. 10.000
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 17. Mangalagiu, V., Amăriucăi-Mantu, D., **Cucu, D.**, Antoci, V., Mangalagiu, I.I., Azaheterocycles with antimycobacterial activity, 5th International Conference on Organic and Inorganic Chemistry, Paris, France, 12-13 July, 2018, Journal of Chemical Sciences 2018, Volume: 9, DOI: 10.4172/2150-3494-C4-027, 2018. 10.000
 18. Mangalagiu, V., Oniciuc, L., **Cucu, D.**, Antoci, V., Mangalagiu, I.I., Cojean, S., Loiseau, P.L., New molecules with azaheterocycles skeleton of potential interest in leishmaniasis, 4th European Organic Chemistry Congress, London, United Kingdom, 01-03 March, 2018, Volume:7, DOI: 10.4172/2161-0401-C1-023, 2018. 10.000
 19. Amăriucăi-Mantu, D., **Cucu, D.**, Bratanovici, B.I., Moldoveanu C., Zbancioc, G., Mangalagiu, I.I., New imidazole/benzimidazole derivatives and their biological interest, 4^{ème} Colloque Franco-Roumain de Chimie Médicinale, Iasi, Romania, 05-07 October 2017, Abstract in Acta Chemica, vol. 25(2), pag. 278, 2017. 10.000

Naționale – în calitate de membru comitet organizare/consiliu științific

Total 10.000 puncte

1. Membru în comisia de organizare a Sesiunii de Comunicări Științifice a Studenților, Masteranzilor și Doctoranzilor, Ediția a X-a, SCSSMD-2019, 20-21 Iunie 2019. 5.000
2. Membru în comisia de organizare a Conferinței Naționale a Școlilor Doctorale din Consorțiul Universitaria, Ediția I, 31 Octombrie – 3 Noiembrie 2018. 5.000

Naționale – raportor pe secțiuni/paneluri

Total 22.000 puncte

1. **Diaconu, D.**, Amăriucăi-Mantu, D., Antoci, V., Ciobanu, I.C., Mangalagiu, V., Mangalagiu, I.I., Huisgen 3+2 dipolar cycloaddition reactions of benzimidazolium-ylides with dimethyl acetylenedicarboxylate: A comprehensive and comparative study, Sesiunea de comunicări științifice a studenților, masteranzilor și doctoranzilor, Ediția a XI-a, SCSSMD 2020, Iași, România, 29-30 Octombrie 2020, pag. 14-15, 2020. 2.000
2. **Cucu (Diaconu), D.**, Amăriucăi-Mantu, D., Dunca, S.I., Mangalagiu, I.I., Designul, sinteza și proprietățile antimicrobiene a unor noi derivați de 8-aminochinolină, Conferința Națională a Școlilor Doctorale din Consorțiul Universitaria, Ediția a II-a, Timișoara, România, 11-14 Noiembrie, 2019, 39, 2019. 2.000
3. **Cucu (Diaconu), D.**, Antoci, V., Mangalagiu, V., Amariuca-Mantu, D., Moldoveanu, C., Mangalagiu, I.I., Novel bis-(imidazole/benzimidazole)-pyridine hybrids: synthesis, structure and antimycobacterial activity studies, IasiChem 2019, 3rd Edition, Faculty of Chemistry Conference, Iași, România, 31-01 Noiembrie 2019, PII-01, pag. 41, 2019. 2.000
4. Moldoveanu, C., Mangalagiu, V., Zbancioc, G., Amariuca-Mantu, D., Antoci, V., **Cucu (Diaconu), D.**, Mangalagiu, I.I., New insights on the 1,3-dipolar cycloaddition of benzimidazolium ylides, IasiChem 2019, 3rd Edition, Faculty of Chemistry Conference, Iași, România, 31-01 Noiembrie 2019, PII-18, pag. 58, 2019. 2.000
5. Antoci, V., Amariuca-Mantu, D., Mangalagiu, V., **Cucu (Diaconu), D.**, Ciobanu, C.I., Zbancioc, G., Mangalagiu, I.I., Newly vinyl-pyrrolo-phthalazine/pyridazine cycloadducts and their polymeric materials, IasiChem 2019, 3rd Edition, Faculty of Chemistry Conference, Iași, România, 31-01 Noiembrie 2019, PI-17, pag. 32, 2019. 2.000
6. **Cucu, D.**, Amăriucăi-Mantu, D., Antoci, V., Ciobanu, C.I., Mangalagiu, I.I., Benzimidazole derivatives: key intermediates in the synthesis of fused azaheterocycles, Sesiunea de comunicări științifice a studenților, masteranzilor și doctoranzilor, Ediția a X-a, SCSSMD 2019, Iași, România, 20-21 Iunie 2019, pag. 18-19, 2019. 2.000
7. **Cucu, D.**, Mangalagiu, I.I., Noi derivați hibridi de chinolină cu schelet benzimidazolic, Conferința Națională a Școlilor Doctorale din Consorțiul Universitaria, Iași, România, 31 Octombrie - 3 Noiembrie 2018, Ediția I, pp. 35, 2018. 2.000
8. **Cucu, D.**, Amăriucăi-Mantu, D., Ciobanu, I.C., Mangalagiu, I.I., Synthesis and characterization of some novel hybrids based on pyridine/quinoline and imidazole/benzimidazole moieties, IasiChem 2018, Faculty of Chemistry Conference, Iași, România, 25-26 October 2018, pp. 44, 2018. PREMIUL II pentru cel mai bun poster 2.000
9. **Cucu, D.**, Amăriucăi-Mantu, D., Ciobanu, I.C., Mangalagiu, V., Mangalagiu, I.I., New hybrid quinoline derivatives anchored with imidazole moiety, XXXV-th Romanian Chemistry Conference, Călimănești-Căciulata, Vâlcea, România, 2-5 October, 2018, Chimie organică, bioorganică și alimentară, pp. 7, 2018. 2.000
10. **Cucu, D.**, Amăriucăi-Mantu, D., Ciobanu, I.C., Mangalagiu, V., Mangalagiu, I.I., New hybrid quinoline derivatives with imidazole skeleton, Sesiunea de comunicări științifice a studenților, masteranzilor și doctoranzilor, Iași, România, 29-30 Iunie 2018. 2.000
11. Grigore, M.-M., **Cucu, D.**, Amăriucăi-Mantu, D., Vasilache, V., Mangalagiu, I.I., Synthesis of new imidazolium/benzimidazolium salts: conventional versus nonconventional methods, IasiChem 2017, Faculty of Chemistry Conference, Iasi, Romania, 26-28 October 2017, Abstract in Acta Chemica, vol. 25(2), pag. 328, 2017. 2.000

TOTAL ACTIVITATEA DE CERCETARE

1049.3620

Data:

Dr. Dumitrelea DIACONU