

## LISTA DE LUCRĂRI

Note:

Clasificarea revistelor pe quartile este în funcție de valoarea AIS în anul publicării.

Pentru articolele publicate încă dinainte de 2011 este considerată încadrarea în funcție de valoarea AIS 2011.

Factor de impact cumulat=261

Număr de total de articole 79 dintre care 65 în reviste din străinătate și 14 în Reviste din România

Numar articole pe quartile Q1 - 29, Q2 – 28, Q3 si Q4 – 18

Articolele marcate cu \* sunt publicate în calitate de autor de corespondență

Articolele marcate cu # se referă la autori cu contribuție egală

- a) lista celor maximum 10 lucrări considerate de candidat a fi cele mai relevante pentru realizările profesionale proprii, care sunt incluse în format electronic în dosar și care se pot regăsi și în celealte categorii de lucrări;
  
- I. Active-metal template clipping synthesis of novel [2] rotaxanes C. C. Anghel, T. A. Cucuiet, N. D. Hădade,\* Ion Grosu\* *Beilstein J. Org. Chem.* **2023**, *19*, 1776–1784. DOI: 10.3762/bjoc.19.130. **Q2**, IF: 2.544
- II. Planar Chiral p,p'-Terphenyl-Based Cyclophanes with Remarkable Enantiomer Stability: Synthesis, Theoretical Investigations, and Complexation Studies I. Stroia, M. E. Moisă, A. Pop, B. Legrand, A. Hanganu, N. D. Hădade,\* Ion Grosu\* *J. Org. Chem.* **2023**, *88*, 15647–15657. DOI: 10.1021/acs.joc.3c01631. **Q1**, IF: 4.198
- III. Shifting emission of oxadiazoles via inter- or intramolecular hydrogen bonding C. C. Anghel, A. G. Mirea, C. C. Popescu, A. M. Mădălan, A. Hanganu, A. Bende, N. D. Hădade\*, M. Matache\*, M. Andruh\* *Dyes and Pigments*, **2023**, *210*, 111023. DOI: 10.1016/j.dyepig.2022.111023 **Q1**, IF: 5.122
- IV. Sonogashira Synthesis of New Porous Aromatic Framework-Entrapped Palladium Nanoparticles as Heterogeneous Catalysts for Suzuki–Miyaura Cross-Coupling L. Căta, N. Terenti, C. Cociug, N. D. Hădade\*, I. Grosu\*, C. Bucur, B. Cojocaru, V. I. Parvulescu\*, M. Mazur, and J. Čejka\* *ACS Appl. Mater. Interfaces* **2022**, *14*, 10428–10437, DOI: 10.1021/acsami.1c24429. **Q1** 9.229
- V. An attempt to synthesize a terthienyl-based analog of indacenedithiophene (IDT): unexpected synthesis of a naphtho[2,3-*b*]thiophene derivative. C. C. Anghel, I. Stroia, A. Pop, A. Bende, I. Grosu, N. D. Hădade,\* J. Roncali,\* *RSC Adv.* **2021**, *11*, 9894–9900, DOI: 10.1039/D1RA00659B. **Q2**, IF : 4.036

- VI.** Naphthalenediimide – A Unique Motif in Macroyclic and Interlocked Supramolecular Structures. A. Diac, M. Matache, I. Grosu, N. D. Hădade,\* *Adv. Synth. Catal.* **2018**, *360*, 817–845, DOI: 10.1002/adsc.201701362. Q1 IF: 5.451
- VII.** Selective Host Molecules Obtained by Dynamic Adaptive Chemistry. M. Matache, E. Bogdan, N. D. Hădade,\* *Chem. Eur. J.* **2014**, *20*, 2106–2131, DOI: 10.1002/chem.201303504. Q1 IF=5.731
- VIII.** Luminogenic "clickable" lanthanide complexes for protein labelling. N. Cadelon, N. D. Hădade,\* M. Matache, J.-L. Canet, F. Cisnetti, D. P. Funeriu,\* L. Nauton, A. Gautier,\* *Chem. Commun.* **2013**, *49*, 9206–9208, DOI: 10.1039/c3cc44391d. Q1 IF=6.718
- IX.** Unexpected Formation of N-(1-(2-Aryl-hydrazono)isoindolin-2-yl)benzamides and Their Conversion into 1,2-(Bis-1,3,4-oxadiazol-2-yl)benzenes. C. C. Paraschivescu, M. Matache,\* C. Dobrotă, A. Nicolescu, C. Maxim, C. Deleanu, I. C. Fărcașanu, N. D. Hădade,\* *J. Org. Chem.* **2013**, *78*, 2670–2679, DOI: 10.1021/jo400023z. Q1 IF=4.564
- X.** A general solid phase method for the synthesis of sequence independent peptidyl-fluoromethyl ketones G.-D. Roiban, M. Matache, N. D. Hădade,\* D. P. Funeriu,\* *Org. Biomol. Chem.* **2012**, *10*, 4516–4523. DOI: 10.1039/c2ob25096a. Q1 IF=3.556

**b)** teza sau tezele de doctorat;

Teza de doctorat: *Design, Synthèse, Analyse Structurale et Réactivité de Nouveaux Cyclophanes*, realizată în cotutelă între Universitatea Babeş-Bolyai din Cluj-Napoca și Universitatea din Rouen, Franța sub coordonarea Prof. Ion Grosu și Prof. Gérard Plé.

Diploma de doctor în Chimie seria E, nr 0000660 acordată de Universitatea Babeş-Bolyai din Cluj-Napoca în baza Ordinului Ministrului Educației și Cercetării 5764/28.11.2006

Diploma de doctor în Chimie nr, 6650918/2007200508592 acordată de Universitatea din Rouen, Franța

Comisia de doctorat: **Prof. Dr. Ionel Cătălin POPESCU** (UBB) - președinte; **DR I Dr. Chantal ANDRAUD** (l'ENS-Lyon) - referent; **CS I Dr. Cornelia UNCUTA** (C. C. O. «C. D. Nenițescu», - referent; **Prof. Dr. Ion GROSU** (UBB); **Prof. Dr. Gérard PLÉ** (Université de Rouen); **MC Dr. Yvan RAMONDENC** (Université de Rouen); **Prof. Dr. Patricia MELNYK** (Université du Droit et de la Santé de Lille); **Prof. Dr. Sorin MAGER** (UBB).

**c)** brevete de invenție și alte titluri de proprietate industrială;

- nu este cazul

**d)** cărți și capitole în cărți;

Capitolele *Reacția de cuplare Stille și Reacția de cuplare Negishi în Reacții de cuplare în chimia organică – de la teorie la aplicații* Autori: Elena Bogdan, Niculina D. Hădade, Crina Socaci, Anamaria Terec; Editura Presa Universitară Clujană, 2013, ISBN: 978-973-595-584-7;

- e) articole/studii, publicate în reviste din fluxul științific internațional principal;
1. Active-metal template clipping synthesis of novel [2] rotaxanes C. C. Anghel, T. A. Cucuiet, N. D. Hădade,\* Ion Grosu\* *Beilstein J. Org. Chem.* **2023**, *19*, 1776–1784. DOI: 10.3762/bjoc.19.130. Q2, IF: 2.544
  2. Planar Chiral p,p'-Terphenyl-Based Cyclophanes with Remarkable Enantiomer Stability: Synthesis, Theoretical Investigations, and Complexation Studies I. Stroia, M. E. Moisă, A. Pop, B. Legrand, A. Hanganu, N. D. Hădade,\* Ion Grosu\* *J. Org. Chem.* **2023**, *88*, 15647–15657. DOI: 10.1021/acs.joc.3c01631. Q1, IF: 4.198
  3. Efficient chemical synthesis of new thermoplastic fluorinated aromatic polyester A. Nan, T. Radu, X. Filip, I. Kacsó, N. D.a Hădade, F. Nekvapil, M. Miclăuș *Polymer*, **2023**, *283*, 126261. DOI: 10.1016/j.polymer.2023.126261. Q1, IF: 4.432
  4. Removal and degradation of sodium diclofenac via radical-based mechanisms using S. sclerotiorum laccase C. Coman, N. D. Hădade, S. Pesek, R. Silaghi-Dumitrescu, A. C Moț, *J. Inorg. Biochem.* **2023**, 112400. DOI: 10.1016/j.jinorgbio.2023.112400. Q2 IF: 4.336
  5. Synthetic approaches of epoxysuccinate chemical probes I. Nicolau, N. D. Hădade, M. Matache, D. P. Funeriu *ChemBioChem*, **2023** e202300157. DOI: 10.1002/cbic.202300157. Q2, IF: 3.2
  6. Shifting emission of oxadiazoles via inter- or intramolecular hydrogen bonding C. C. Anghel, A. G. Mirea, C. C. Popescu, A. M. Mădălan, A. Hanganu, A. Bende, N. D. Hădade\*, M. Matache\*, M. Andruh\* *Dyes and Pigments*, **2023**, *210*, 111023. DOI: 10.1016/j.dyepig.2022.111023 Q1, IF: 5.122
  7. A complex of cobalamin with an organic peroxide, M. Lehene, C. Zăgorean-Tuza, N. Hădade, A. Aghion, R. Șeptelean, S. D. Iancu, A. M. V. Brânzanic, R. Silaghi-Dumitrescu *New J. Chem.*, **2023**, *47*, 18178–18185. DOI: 10.1039/D3NJ03307D. Q3, IF: 3.3
  8. Solid-Phase Peptide Synthesis – Evaluation of Resin Loading and Preparation of an Amide C-Terminal Dipeptide I. Nicolau, A. Paun, C. C. Popescu, N. D. Hădade, M. Matache *J. Chem. Educ.* **2023**, *100*, 6, 2430–2434. DOI: 10.1021/acs.jchemed.3c00186. Q3, IF: 3.208
  9. Exploring Arylazo-3,5-Bis(trifluoromethyl)pyrazole Switches B. C. Enache, A. Hanganu, C. Tablet, C. C. Anghel, C. C. Popescu, A. Paun, N. D. Hădade, A. M. Mădălan, M. Matache *ACS Omega* **2022**, *7*, 39122–39135. DOI: 10.1021/acsomega.2c04984 Q2, IF: 4.132
  10. Sonogashira Synthesis of New Porous Aromatic Framework-Entrapped Palladium Nanoparticles as Heterogeneous Catalysts for Suzuki–Miyaura Cross-Coupling L. Căta, N. Terenti, C. Cociug, N. D. Hădade\*, I. Grosu\*, C. Bucur, B. Cojocaru, V. I. Parvulescu\*, M. Mazur, and J. Čejka\* *ACS Appl. Mater. Interfaces* **2022**, *14*, 10428–10437, DOI: 10.1021/acsami.1c24429. Q1 9.229
  11. Exploring the Optoelectronic Properties of D-A and A-D-A 2,2'-bi[3,2-b]thienothiophene Derivatives L. Gabrian, G.-I. Giurgi, I. Stroia, E. Bogdan, A. P. Crișan, N. D. Hădade, I. Grosu, A. Terec *Molecules* **2022**, *27*, 8463. DOI: 10.3390/molecules27238463. Q2 IF: 4.6

12. Two are better than one - Synthesis of novel blue and green emissive hydroxy-oxadiazoles C. C. Anghel, C. Bădescu, A. G. Mirea, A. Păun, N. D. Hădade, A. M. Mădălan, M. Matache, C. C. Popescu *Dyes and Pigments*, **2022**, 109927, DOI: 10.1016/j.dyepig.2021.109927. Q1 IF: 5.122
13. Effect of the mode of fixation of the thienyl rings on the electronic properties of electron acceptors based on indacenodithiophene (IDT). N. Terenti, A. P. Crisan, S. Jungsuttiwong, N. D. Hădade, A. Pop, I. Grosu, J. Roncali, *Dyes Pigments* **2021**, 109116, DOI:10.1016/j.dyepig.2020.109116. Q1 IF :5.112
14. An attempt to synthesize a terthienyl-based analog of indacenodithiophene (IDT): unexpectedsynthesis of a naphtho[2,3-*b*]thiophene derivative. C. C. Anghel, I. Stroia, A. Pop, A. Bende, I. Grosu, N. D. Hădade,\* J. Roncali,\* *RSC Adv.* **2021**, *11*, 9894–9900, DOI: 10.1039/D1RA00659B. Q2, IF : 4.036
15. Halogen-Bonded Organic Frameworks of Perfluoroiodo- and Perfluorodiiodobenzene with 2,2',7,7'-Tetrapyridyl-9,9'-spirobifluorene. L. Pop, I. G. Grosu, M. Miclăuș, N. D. Hădade, A. Pop, A. Bende, A. Terec, M. Bărboiu, I. Grosu, *Cryst. Growth Des.* **2021**, *21*, 1045–1054, DOI: 10.1021/acs.cgd.0c01383. Q2 IF: 4.01
16. Halogen Bonds (N---I) at Work: Supramolecular Catemeric Architectures of 2,7-Dipyridylfluorene with *ortho*-, *meta*- or *para*-Diiodotetrafluorobenzene Isomers. I. G. Grosu, L. Pop, M. Miclăuș, N. D. Hădade, A. Terec, A. Bende, C. Socaci, M. Barboiu, I. Grosu, *Cryst. Growth Des.* **2020**, *20*, 3429–3441, DOI:10.1021/acs.cgd.0c00205. Q2 IF: 4.076
17. Yellow" laccase from *Sclerotinia sclerotiorum* is a blue laccase that enhances its substrate affinity by forming a reversible tyrosyl-product adduct. A. C. Mot, C. Coman, N. Hădade, G. Damian, R. Silaghi-Dumitrescu, H. Heering, *PloS one* **2020**, *15*, e0225530, DOI: 10.1371/journal.pone.0225530. Q2 IF: 3.240
18. Synthesis, Structure and Supramolecular Properties of a Novel C3 Cryptand with Pyridine Units in the Bridges C. V. Crișan, A. Soran, A. Bende, N. D. Hădade, A. Terec, I. Grosu *Molecules* **2020**, *25*, 3789. DOI: 10.3390/molecules25173789. Q2 IF: 4.411
19. Excess Ascorbate is a Chemical Stress Agent against Proteins and Cells M. Lehene, E. Fischer-Fodor, F. Scurtu, N. D Hădade, E. Gal, A. C. Mot, A. Matei, R. Silaghi-Dumitrescu *Molecules* **2020**, *27*, 8463. DOI: 10.3390/ph13060107. Q2 IF: 4.411
20. New Insights into Catechol Oxidation - Application of Ammonium Peroxydisulfate in the Presence of Arylhydrazines A. Petran, A. Popa, N. D. Hădade, J. Liebscher *ChemistrySelect* **2020**, *5*, 9523–DOI: 953010.1002/slct.202002370. Q3 IF: 2.109
21. A polycarboxylic chelating ligand for efficient resin purification of His-tagged proteins expressed in mammalian systems. C. C. Popescu, M. C. Stoian, L.-M. Cucos, A. G. Coman, A. Radoi, A. Paun, N. D. Hădade, A. Gautier, C.-I. Popescu, M. Matache, *RSC Adv.* **2020**, *10*, 23931-23935, DOI: 10.1039/D0RA02382E. Q2, IF : 3.361
22. Structural diversity ranging from oligonuclear complexes to 1-D and 2-D coordination polymers generated by tetrasubstituted adamantine and spirobifluorene derivatives. T. Mocanu, L. Pop, N.D. Hădade, S. Shova, L. Sorace, I. Grosu, M. Andruh, *Eur. J. Inorg. Chem.* **2019**, 5025–5038, DOI: 10.1002/ejic.201901167. Q2 IF: 2.529

23. Spirobifluorene-based Porous Organic Polymers as Efficient Porous Supports for Pd and Pt for Selective Hydrogenation. M. M. Trandafir, L. Pop, N. D. Hădade, I. Hristea, C. M. Teodorescu, F. Krumeich J. A. Van Bokhoven, I. Grosu, V. I. Parvulescu, *ChemCatChem* **2019**, *11*, 538–549, DOI: 10.1002/cctc.201801247. Q2 4.853
24. A novel adaptive fluorescent probe for cell labelling. A. G. Coman, A. Paun, C. C. Popescu, N. D. Hădade, A. Hanganu, G. Chiritoiu, I. C. Farcasanu, M. Matache, *Bioorg. Chem.* **2019**, *92*, 103295, DOI: 10.1016/j.bioorg.2019.103295. Q2 IF: 3.296
25. A novel profluorescent paramagnetic diaza-crown ether: synthesis, characterization and alkaline metal-ion complexation. A.G. Coman Coman, C. Stavarache, A. Păun, C.C. Popescu, N. D. Hădade, P. Ionita, M. Matache, *RSC Adv.* **2019**, *9*, 6078–6083, DOI: 10.1039/c8ra09828j. Q2 IF: 3.049
26. Geländer macrocycles: Synthesis, chirality and racemisation barriers. C. Lar, M. E. Moisa, E. Bogdan, A. Terec, N. D. Hădade, I. Grosu, L. David, C. Paisz, I. G. Grosu *Tetrahedron Lett.* **2019**, *60*, 335–340, DOI: 10.1016/j.tetlet.2018.12.047. Q3, IF: 2.336
27. Poly [3, 4-dihydroxybenzhydrazide]: A Polydopamine Analogue? A. Petran, N. D. Hădade, C. Filip, X. Filip, A. Bende, A. Popa, J. Liebscher, *Macromol. Chem. Phys.* **2018**, *219*, 1700564, DOI: 10.1002/macp.201700564. Q2, IF: 2.492
28. A three-armed cryptand with triazine and pyridine units: synthesis, structure and complexation with polycyclic aromatic compounds. C. Lar, A. Woiczechowski-Pop, A. Bende, I. G. Grosu, N. Miklášová, E. Bogdan, N. D. Hădade, A. Terec, I. Grosu, *Beilstein J. Org. Chem.* **2018**, *14*, 1370–1377. DOI: 10.3762/bjoc.14.115. Q2, IF: 2.589
29. Conformational-induced light emission switching of N-acylhydrazone systems. A. G. Coman, A. Păun, C. C. Popescu, N. D. Hădade, C. C. Anghel, A. M. Mădălan, P. Ioniță, M. Matache, *New J. Chem.* **2018**, *42*, 14111–14119, DOI: 10.1039/C8NJ01880D. Q2, IF=3.08
30. Naphthalenediimide – A Unique Motif in Macroyclic and Interlocked Supramolecular Structures. A. Diac, M. Matache, I. Grosu. N. D. Hădade,\* *Adv. Synth. Catal.* **2018**, *360*, 817–845, DOI: 10.1002/adsc.201701362. Q1 IF: 5.451
31. “Click” access to multilayer functionalized Au surface: A terpyridine patterning example. F. A Martin, D. Marconi, S. Neamtu, T. Radu, M. Florescu, R. Turcu, C. Lar, N. D. Hădade, I. Grosu, I. Turcu, *Mater. Sci. Eng. C Mater Biol Appl.* **2017**, *75*, 1343–1350, DOI: 10.1016/j.msec.2017.03.033. Q2 IF=5.08
32. Modulating short tryptophan-and arginine-rich peptides activity by substitution with histidine. M. Bacalum, L. Janosi, F. Zorila, A.-M. Tepeş, C. Ionescu, E. Bogdan, N. D. Hădade, L. Craciun, I. Grosu, I. Turcu, M. Radu, *Biochim. Biophys. Acta General Subjects* **2017**, *1861*, 1844–1854, DOI: 10.1016/j.bbagen.2017.03.024. Q1 IF=3.839
33. Synthesis of novel profluorescent nitroxides as dual luminescent-paramagnetic active probes. A. G Coman, C. C Paraschivescu, A. Paun, A. Diac, N. D Hădade, L. Jouffret, A. Gautier, M. Matache, P. Ionita, *New J. Chem.* **2017**, *41*, 7472–7480, DOI:10.1039/C7NJ01698K. Q2 IF=3.201

34. Poly (benzofuran-co-arylacetic acid)—a new type of highly functionalized polymers. A. Nan, A. Bunge, M. Cîrcu, A. Petran, N. D. Hădade, X. Filip, *Polym. Chem.* **2017**, *8*, 3504–3514, DOI: 10.1039/C7PY00523G. **Q1** IF= 4.927
35. Coordination polymers constructed from tetrahedral-shaped adamantane tectons. T. Mocanu, L. Pop, N. D. Hădade, S. Shova, I. Grosu, M. Andruh, *CrystEngComm* **2017**, *19*, 27–31, DOI: 10.1039/C6CE02146H. **Q2** IF=3.38
36. 1, 3, 4-Oxadiazoles as luminescent materials for organic light emitting diodes via cross-coupling reactions. A. Paun, N. D. Hădade, C. C. Paraschivescu, M. Matache, *J. Mat. Chem. C* **2016**, *4*, 8596–8610, DOI: 10.1039/C6TC03003C. **Q1** IF: 5.256
37. An adamantane-based COF: stability, adsorption capability, and behaviour as a catalyst and support for Pd and Au for the hydrogenation of nitrostyrene. M. M. Trandafir, L. Pop, N. D. Hădade, M. Florea, F. Neațu, C. M. Teodorescu, B. Duraki, J. A van Bokhoven, I. Grosu, V. I. Pârvulescu, H. Garcia, *Catal. Sci. Technol.* **2016**, *6*, 8344–8354, DOI: 10.1039/C6CY01631F. **Q1** IF: 5.890
38. New Acyloxymethyl Ketones: Useful Probes for Cysteine Protease Profiling. A. G Coman, C. C Paraschivescu, N. D. Hădade, A. Juncu, O. Vlaicu, C. -I. Popescu, M. Matache, *Synthesis* **2016**, *48*, 3917–3923, DOI: 10.1055/s-0035-1562781. **Q2** IF: 2.652
39. The 1, 3-dioxane motif—a useful tool in monitoring molecular and supramolecular architectures. E. Bogdan, N. D. Hădade, A. Terec, I. Grosu, *Tetrahedron Lett.* **2016**, *57*, 2683–2691, DOI: 10.1016/j.tetlet.2016.05.024. **Q3** IF: 2.347
40. Occurrence of charge-assisted hydrogen bonding in bis-amidine complexes generating macrocycles. L. Pop, N. D. Hădade, A. van der Lee, M. Barboiu, I. Grosu, Y.-M. Legrand, *Cryst. Growth Des.* **2016**, *16*, 3271–3278, DOI: 10.1021/acs.cgd.6b00246. **Q1** IF: 4.425
41. Supramolecular anion recognition by  $\beta$ -HCH. M. I Rednic, R. A. Varga, A. Bende, I. G. Grosu, M. Miclăuș, N. D. Hădade, A. Terec, E. Bogdan, I. Grosu, *Chem. Commun.* **2016**, *52*, 12322–12325, DOI:10.1039/C6CC06842A. **Q1** IF=6.319
42. Cryptands with 2, 4, 6-tris (*p*-phenylene)-1, 3, 5-triazine central units and oligoethylene-oxide bridges: synthesis, structure and complexation abilities. C. V. Crișan, A. Terec, N. D. Hădade, I. Grosu, *Tetrahedron* **2015**, *71*, 6888–6893, DOI: 10.1016/j.tet.2015.07.019. **Q2**, IF=2.911
43. CuAAC Synthesis of Tetragonal Building Blocks Decorated with Nucleobases. **L. Pop**, M. L. Golban, N. D. Hădade, C. Socaci, I. Grosu, *Synthesis* **2015**, *47*, 2799–2804, DOI: 10.1055/s-0034-1378782. **Q2** IF= 2.601
44. Exclusive Hydrophobic Self-Assembly of Adaptive Solid-State Networks of Octasubstituted 9, 9'-Spirobifluorenes. L. Pop, F. Dumitru, N. D. Hădade, Y.-M. Legrand, A. van der Lee, M. Barboiu, I. Grosu, *Org. Lett.* **2015**, *17*, 3494–3497, DOI: 10.1021/acs.orglett.5b01576. **Q1**, IF=7.081
45. Symmetrical and non-symmetrical 2, 5-diaryl-1, 3, 4-oxadiazoles: synthesis and photophysical properties. C. C Paraschivescu, N. D. Hădade, A. G Coman, A. Gautier, F. Cisnetti, M. Matache, *Tetrahedron Lett.* **2015**, *56*, 3961–3964. DOI: 10.1016/j.tetlet.2015.05.005. **Q3**, IF=2.347

46. Macrocycles embedding phenothiazine or similar nitrogen and/or sulphur containing heterocycles. M. I. Rednic, N. D. Hădade, E. Bogdan, I. Grosu, *J. Incl. Phenom. Macrocycl. Chem.* **2015**, *81*, 263–293. DOI: 10.1007/s10847-014-0455-x. Q3 IF= 1.253
47. Novel Nucleobase-Decorated Tripodands: Synthesis and Supramolecular Properties. M. Golban, V. Pașcanu, N. D. Hădade, L. Pop, C. Socaci, I. Grosu, *Synthesis* **2014**, *46*, 1229–1235, DOI: 10.1055/s-0033-1340833. Q2 IF= 2.689
48. Selective Host Molecules Obtained by Dynamic Adaptive Chemistry. M. Matache, E. Bogdan, N. D. Hădade,\* *Chem. Eur. J.* **2014**, *20*, 2106–2131, DOI: 10.1002/chem.201303504. Q1 IF=5.731
49. Luminogenic "clickable" lanthanide complexes for protein labelling. N. Candelon, N. D. Hădade,\* M. Matache, J.-L. Canet, F. Cisnetti, D. P. Funeriu,\* L. Nauton, A. Gautier,\* *Chem. Commun.* **2013**, *49*, 9206–9208, DOI: 10.1039/c3cc44391d. Q1 IF=6.718
50. Cryptands with 1,3,5-Tris(1',3'-dioxan-2'-yl)-benzene Units: Synthesis and Structural Investigations. M. Cîrcu, A. Soran, N. D. Hădade, M. Rednic, A. Terec, I. Grosu, *J. Org. Chem.* **2013**, *78*, 8722–8729, DOI: 10.1021/jo401432y. Q1 IF=4.564
51. Structure of Polydopamine: A Never-Ending Story? J. Liebscher, R. Mrówczyński, H. A. Scheidt, C. Filip, N. D. Hădade, R. Turcu, A. Bende, S. Beck, *Langmuir* **2013**, *29*, 10539–10548, DOI: 10.1021/la4020288. Q1 IF=4.384
52. Unexpected Formation of N-(1-(2-Aryl-hydrazono)isoindolin-2-yl)benzamides and Their Conversion into 1,2-(Bis-1,3,4-oxadiazol-2-yl)benzenes. C. C. Paraschivescu, M. Matache,\* C. Dobrotă, A. Nicolescu, C. Maxim, C. Deleanu, I. C. Fărcașanu, N. D. Hădade,\* *J. Org. Chem.* **2013**, *78*, 2670–2679, DOI: 10.1021/jo400023z. Q1 IF=4.564
53. Macrocycles with a phenothiazine core: synthesis, structural analysis, and electronic properties. I. Medruț, R. Turdean, R. Gropeanu, F. Pop, L. Toupet, N. D. Hădade, E. Bogdan, I. Grosu, *Tetrahedron Lett.* **2013**, *54*, 1107–1111, DOI: 10.1016/j.tetlet.2012.12.068. Q3 IF= 2.397
54. A general solid phase method for the synthesis of sequence independent peptidyl-fluoromethyl ketones G.-D. Roiban, M. Matache, N. D. Hădade,\* D. P. Funeriu,\* *Org. Biomol. Chem.* **2012**, *10*, 4516–4523. DOI: 10.1039/c2ob25096a. Q1 IF=3.556
55. Glycine fluoromethylketones as SENP specific activity based probes. C. Dobrotă,# D. Fasci,# N. D. Hădade,# G.-D. Roiban, C. Pop, V. M. Meier, I. Dumitru, M. Matache, G. S. Salvesen, D. P. Funeriu, *ChemBioChem* **2012**, *13*, 80–84, DOI: 10.1002/cbic.201100645. Q1 IF=3.47
56. Metal Ion Mediated Self-Assembly Directed Formation of Protein Arrays. N. D. Bogdan, M. Matache, G.-D. Roiban, C. Dobrotă, V. M. Meier D. P. Funeriu, *Biomacromolecules* **2011**, *12*, 3400–3405, DOI: 10.1021/bm200833k. Q1 IF=5.479
57. Recent Developments in the Reactivity of the Biginelli Compounds. M. Matache, C. Dobrotă, N. D. Bogdan,\* D. P. Funeriu,\* *Curr. Org. Synth.* **2011**, *8*, 356–373. Q1 IF=3.434
58. Protein-inorganic Arrays Construction: Design and Synthesis of the Building Blocks. N. D. Bogdan, M. Matache, V. M. Meier, C. Dobrotă, I. Dumitru, G. D. Roiban, D. P. Funeriu, *Chem. Eur. J.* **2010**, *16*, 2170–2180. DOI: 10.1002/chem.200902649. Q1 IF=5.476

59. Synthesis of fused dihydro-pyrimido[4,3-d]coumarins using Biginelli multicomponent reaction as key step. M. Matache, C. Dobrota, N. D. Bogdan, I. Dumitru, L. L. Ruta, C. C. Paraschivescu, I. C. Fărcașanu, I. Baciu, D. P. Funeriu, *Tetrahedron* **2009**, *65*, 5949–5957, DOI: 10.1016/j.tet.2009.05.088. Q2 IF=3.219
60. [4.n]Cyclophanes. N. Bogdan, I. Grosu, *Curr. Org. Chem.* **2009**, *502*–531. Q1 IF=3.006
61. New [4.4]Cyclophanes: Molecular Parallelograms, Triangles, Rhombus, Pentagon and Supramolecular Constructions. N. Bogdan\*, E. Condamine, L. Toupet, Y. Ramondenc, E. Bogdan, I. Grosu,\* *J. Org. Chem.* **2008**, *73*, 5831–5838, DOI: 10.1021/jo8006489. Q1 IF=4.165
62. Temperature induced rotation in a [4.4]cyclophane. N. Bogdan,\* E. Condamine, L. Toupet, Y. Ramondenc, I. Silaghi-Dumitrescu, I. Grosu\*, *Tetrahedron Lett.* **2008**, *49*, 5204–5207, DOI: 10.1016/j.tetlet.2008.06.045. Q2 IF=2.740
63. Synthesis and stereochemistry of some new spiro and polyspiro-1,3-dithiane derivatives. Ş. A. Gâz, E. Condamine, N. Bogdan, A. Terec, E. Bogdan, Y. Ramondenc, I. Grosu, *Tetrahedron* **2008**, *64*, 7295–7300, DOI: 10.1016/j.tet.2008.05.065. Q2 IF=3.112
64. New [4.4]Cyclophane Diketals, Monoketones and Diketones: Design, Synthesis and Structural Analysis. N. Bogdan,\* I. Grosu, E. Condamine, L. Toupet, Y. Ramondenc, I. Silaghi-Dumitrescu, G. Plé, E. Bogdan *Eur. J. Org. Chem.* **2007**, 4674–4687. DOI: 10.1002/ejoc.200700343. Q1 IF=3.025
65. Molecular Rotors: Design, Synthesis, Structural Analysis and Silver Complex of New [7.7]Cyclophanes. N. Bogdan, I. Grosu, G. Benoît, L. Toupet, Y. Ramondenc, E. Condamine, I. Silaghi-Dumitrescu, G. Plé, *Org. Lett.* **2006**, *8*, 2619–2622, DOI: 10.1021/o10610845. Q1 IF=4.938

f) publicații in extenso, apărute în lucrări ale principalelor conferințe internaționale de specialitate;

-nu este cazul

g) alte lucrări și contribuții științifice

Articole apărute în reviste din Romania

66. Novel Macrocycles Embedding *p,p'*-Terphenyl Units: Synthesis, Characterization, Single Crystal Xray Molecular Structures and Theoretical Investigations, I. Stroia, A. Pop, M. I. Nan, E. Bogdan, A. Terec, N. D. Hădade,\* I. Grosu,\* *Rev. Roum. Chim.* **2022**, *67*, 233–239. DOI: 10.33224/rrch.2022.67.4-5.01. Q4, IF:0.41
67. Macrocyclic Compounds Formed in the Reaction of 3,7-Bis(*ortho*-, *meta*- or *para*-formylphenyl)phenothiazines with meta-Bis(aminomethyl)benzene: Experimental and Theoretical Investigations I. Stroia, M. I. Nan, E. Bogdan, A. Terec, N. D. Hădade,\* Ion Grosu\* *Rev. Roum. Chim* **2022**, *67*, 141-149. DOI:10.33224/rrch.2022.67.3.01. Q4, IF: 0.41
68. Examination of Structure-Activity Relationship of New *N*-Acylhydrazones A. G. Coman, A. Paun, C. C Popescu, N. D Hădade, A. Hangau, A. M Mădălan, M. Matache *Rev. Roum. Chim.* **2020**, *65*, 109-114. DOI: 10.33224/rrch.2020.65.1.13. Q3, IF:0.278

69. A Straightforward Synthesis of Novel 1,3,5-Triazine-Based Macroyclic Scaffolds *STUDIA UBB C.* V. Crișan, N. D. Hădade, I. Grosu, A. P. Crișan, A. Trec, *Studia UBB Chemia*, **2020**, LXV171-179. DOI: 10.24193/subbchem.2020.3.13. Q3, IF:0.447
70. Inverted versus Direct Structure Bulk Heterojunction Organic Solar Cells Involving a Triphenylamine-based Small Molecular Donor G.-I. Giurgi, L. Szolga, I Kovacs, E. Bogdan, N. D. Hădade, A. Terec, I. Grosu, J. Roncali, *Studia UBB Chemia*, **2020**, LXV, 95-106. DOI: 10.24193/subbchem.2020.2.08. Q3, IF:0.447
71. Click Synthesis and Complexation Properties of a New Unsymmetrical Macrocycle Bearing 1,4-Dioxabenzene and Triazole Units. T. A. Cucuiet, C. C. Anghel, E. Bogdan, A. Crișan, M. Matache, L. Pop, A. Terec, N. D. Hădade,\* *Rev. Roum. Chim.*, **2020**, 65, 567-572, DOI: 10.33224/rrch.2020.65.6.06. Q3 IF:0.278
72. Selective Hydration of Electron-Rich Aryl-Alkynes by a Schrock-Type Molybdenum Alkylidene Catalyst. A. Crișan, A. Pop, E. Bogdan, M. Matache, L. Pop, A. Terec, I. Grosu,\* N. Hădade,\* *Rev. Roum. Chim.* **2020**, 65, 699–705, DOI: 10.33224/rrch.2020.65.7-8.07. Q3 IF:0.278
73. Synthesis and ESI(+) -MS complexation studies of new 24- and 36-membered cyclic peptides. M. C. Pașcanu, E. Bogdan, A. Terec, I. Grosu, N. D. Hădade,\* *Rev. Roum. Chim.* **2017**, 62, 349–355. Q3, IF=0.37
74. Podands with 3, 7, 10-trisubstituted phenothiazine units: synthesis and structural analysis. M. I. Rednic, S. Szima, E. Bogdan, N. D. Hădade, A. Terec, I. Grosu, *Rev. Roum. Chim.* **2015**, 60, 637–642. Q3 IF= 0.25
75. Synthesis and structural analysis of some new arylbromide decorated azobenzene derivatives. I. Kocsis, N. Hădade, I. Grosu, *Studia Univ. Babeș-Bolyai Chemia* **2012**, LVII, 101–107. Q4 IF=0.089
76. Synthesis and Structural Analysis of Some New Precursors of Macroyclic Cyclophanes: 1,4-Bis(2-R-5-R<sup>1</sup>-1,3-Dioxan-2-yl)benzene Derivatives. N. Bogdan, A. S. Gâz, F. Pop, E. Bogdan, A. Terec, L. David, I. Grosu, *Studia Univ. Babeș-Bolyai Chemia* **2006**, 51, 3–12.
77. Synthesis and Structural Analysis of Some New Precursors of Macroyclic Cyclophanes: 1,4-Bis(2-R-5,5-dimethyl-1,3-Dioxan-2-yl)benzene. N. Bogdan, F. Pop, A. S. Gâz, E. Bogdan, A. Terec, L. David, I. Grosu *Studia Univ. Babeș-Bolyai Chemia* **2006**, 51, 13–20.
78. Synthesis and stereochemistry of some new 1,3-oxathianes obtained from 1,4-dimercaptothreitol. L. Muntean, I. Grosu, D. Demeter, N. Bogdan, S. Mager, *Studia Univ. Babeș-Bolyai Chemia*, **2004**, 49,121–124.
79. Synthesis and Stereochemistry of Some New 2,4-Disubstituted-1,3-Dioxanes. A. Terec, L. Muntean, S. Tötös, N. Bogdan, C. Florian, S. Mager, I. Grosu, *Studia Univ. Babeș-Bolyai Chemia* **2002**, 47, 187–193.

#### Prelegeri publice și comunicări (selecție)

- Niculina Hădade *Porous organic materials - design of building blocks and development of heterogeneous catalysts* – prelegere publică de admitere în Școala Doctorală de Chimie - Cluj-Napoca, 27 iunie 2022
- Niculina Hădade *Porous organic polymers as heterogeneous catalysts for cross-coupling reactions* KAUST Research Conference, 13-16 Februarie, 2023 – conferință invitată
- Niculina Hădade *Supra)molecular Tools for Synthesis of Complex Organic Molecules, Dynamic Materials and Activity Based-Probes* - prezentare online organizată de Societatea Germană de Chimie, 23 Martie, 2023
- Niculina Hădade *Functional Porous Organic Polymers – synthesis and applications as catalysts* susținută la Universitatea din Aachen, 25 Aprilie 2023, Universitatea Tehnică din Braunschweig 26 Aprilie 2023 și Universitatea Humboldt din Berlin, 27 Aprilie 2023 conferințe invitate
- Niculina Hădade *A short journey through the geometrical and thermodynamical space of Supramolecular and Dynamic Adaptive Chemistry*, - Diaspora în Cercetarea Științifică și Învățământul Superior din România, Timișoara, 25-28 aprilie, 2016 conferință invitată
- Niculina Hădade *Activity based probes as molecular tools for enzyme characterization and construction of protein arrays* - Zilele Academice Clujene, Cluj-Napoca, 3-7 Iunie, 2014 – prezentare orală
- Niculina D. Hădade, Andreea Crișan, Lidia Pop, Cyril Nicolay, Cristina Golobciuc, Ion Grosu - *Shape-persistent NDI-based macrocycles with potential application as redox-active materials in organic lithium-ions batteries* - International Conference "Catalysis and Organic Synthesis" - ICCOS-2019 - Moscova, Septembrie, 15-20, 2019, poster.
- Andreea Diac, Lidia Pop, Niculina D. Hădade - *Shape persistent aromatic diimide - based macrocycles: synthesis and supramolecular properties* - 18<sup>th</sup> Tetrahedron Symposium, Iunie 27-30, 2017, Budapesta, poster.

#### Lista Conferințe

Cluj-Napoca, ianuarie 2024

Dr. Niculina Daniela Hădade