

PARTICIPĂRI COMUNICARI CONFERINTE STUNDEȚI DOCTORANZI ȘCOALA DOCTORALĂ ÎN CHIMIE

Participări la conferințe naționale

1. I. Popescu, **Ș.-B. Ivan**, Ioan-Cezar Marcu, Study of M-modified NiNbO mixed oxide catalysts (M = Sn, Ti, Sb and Ta) by in situ electrical conductivity measurements in correlation with their performance in ethane oxydehydrogenation, 34th Symposium on Thermal Analysis and Calorimetry "Eugen Segal" of the Commission for Thermal Analysis and Calorimetry of the Romanian Academy (CATCAR34), 23-24 octombrie 2025, București, România, (prezentare orală).
2. **Daniela Partene**, Gabriela Iulia David, Emilia-Elena Iorgulescu, Mihaela Carmen Cheregi, *Senzor ieftin și sensibil pentru detecția rapidă și fiabilă a rifampicinei*, Conferința Anuală de Comunicare a Rezultatelor Cercetării la Universitatea din București, Ediția a IV-a, 25-28 noiembrie 2025, București, Romania.
3. **M. Răducă**, M. Andruh, From nitronyl nitroxides towards homo- and hetero-di-radicals used as ligands for the synthesis of 3d and 4f complexes, National Conference of Chemistry XXXVII Edition, 25-27 September 2024, Târgoviște, Romania (prezentare orală).
4. **M. Răducă**, Radicali nitronil nitroxid utilizați pentru obținerea de homo- și hetero-di-radicali și combinațiile lor complexe, Conferința tinerilor cercetători din școlile de chimie bucureștene, București, 2024 (prezentare orală).
5. **M. Răducă**, Marius Andruh, Sinteza de complecși 3d și 4f cu liganzi de tip radical nitronil nitroxid, Zi De Chimie - Sesiune De Comunicări Științifice, 16 Octombrie 2024, București, Romania (prezentare orală).
6. **M. Alkali**, V. Circu, Study of copper (I) metallomesogenes with benzoyl thiourea ligand having a fluoro or cyano group attached at a periphery, Conferința tinerilor cercetători din școlile de chimie bucureștene, 17 aprilie 2024, Institutul de Chimie Fizică "Ilie Murgulescu" Școala doctorală de Științe Chimice a Academiei Române, (prezentare orală).
7. **D.G. Mitrea**, V. Circu, Compuși dicitopaladati cu proprietati luminescente, Conferința tinerilor cercetători din școlile de chimie bucureștene, 17 aprilie 2024, Institutul de Chimie Fizică "Ilie Murgulescu" Școala doctorală de Științe Chimice a Academiei Române, (prezentare orală).
8. I.G. David, D. Preda, **D. Partene**, M.C. Cheregi, E.-E. Iorgulescu, Electrozi de unică folosință modificați cu filme polimerice imprimate molecular pentru analiza medicamentelor, Conferința Anuală de Comunicare a Rezultatelor Cercetării la Universitatea din București, Ediția a III-a, 25-29 noiembrie 2024 (prezentare orală).
9. **D.-I. Eftemie**, Strategii de sinteză pentru compuși coordinativi heteropolinucleari 4f-4f' cu liganzi bază Schiff, Simpozion Gheorghe Spacu – 140 de ani de la naștere, 13 decembrie, București, România, prezentare orală.
10. **A. C. Spînu**, Sinteza și caracterizarea complecșilor metalici care conțin liganzi nitronil nitroxid proveniți de la nitro-o-vanilină și bisfenol Simpozion Gheorghe Spacu – 140 de ani de la naștere, 13 decembrie, București, România, prezentare orală.
11. **A.A. Pătrașcu**, Combinații complexe heterotrispin 2p-3d-4f cu radicali organici de tip nitronil nitroxide, Simpozion Gheorghe Spacu – 140 de ani de la naștere, 13 decembrie, București, România, prezentare orală.
12. **R.I. Botea**, Sinteza dirijată de combinații complexe mono- și binucleare utilizând liganzi polidentati cu sisteme π extinse, Simpozion Gheorghe Spacu – 140 de ani de la naștere, 13 decembrie, București, România, prezentare orală.
13. C.-M. Bolocan, **M. Răducă**, A.M. Mădălan, D.-L. Popescu, Cobalt-Based Metal-Organic Frameworks Containing Dichromate and Chromate Anions as Spacers, NEXT-CHEM IV – 2022, 19-20 mai 2022, București, prezentare orală (premiul I)
14. A.-E.-M. Beneș, C. Zanfir, C. Maxim, **A.A. Pătrașcu**, D.-L. Popescu, Structural Diversity Of New Polynuclear Coordination Compounds With Organotin(IV) Knots, NEXT-CHEM IV – 2022, 19-20 mai 2022, București, prezentare orală

15. A. Afilipoaei, Z. Vuluga, A.-R. Gabor, G.-M. Teodorescu, M. Cărăușu, R. Zăvoianu, O.D. Pavel, **A.-E. Stamate**, M.C. Corobea, Mechanical properties of the polyamide on hybrid 2D reinforcing agents, NeXT-Chem “Tehnologii Inovatoare Trans-Sectoriale” Ediția a III-a România, București, România, 27-28 mai 2021, poster
16. M. Cărăușu, Z. Vuluga, C.A. Nicolae, G.-M. Teodorescu, A. Afilipoaei, R. Zăvoianu, O.D. Pavel, **A.-E. Stamate**, M.C. Corobea, On the biobased polyamide with flame retardant properties, NeXT-Chem “Tehnologii Inovatoare Trans-Sectoriale” Ediția a III-a ROMÂNIA, București, România, 27-28 mai 2021, poster
17. **S. Ion**, A. Hanganu, M. Tudorache, V.I. Parvulescu, Grafting Natural Lignin With Aniline Using Biocatalytic Approach, Exploratory workshop NeXT-Chem Innovative Cross-Sectoral Technologies, IIIrd Edition, Bucuresti, Romania, 27-28 Mai 2021, prezentare orală.

Participări la conferințe internaționale organizate în România

1. **Mihai Răducă**, Marius Andruh, Design of Chiral Paramagnetic Ligands and Complexes Based on Helicenes and Nitronyl Nitroxide Radicals, Symposium on chiral molecules and organic radicals, 30 June - 1 July 2025, Bucharest, Romania, (*oral presentation*), https://acad.ro/institutia/comunicateStiriInst/2025/36_SimpozionNenitescu.html
2. **Diana-Ioana Eftemie**, Marius Andruh, Heterometallic 3d-4f and 4f-4f' complexes, Symposium on chiral molecules and organic radicals, 30 June - 1 July 2025, Bucharest, Romania, (*oral presentation*), https://acad.ro/institutia/comunicateStiriInst/2025/36_SimpozionNenitescu.html
3. **Diana-Ioana Eftemie**, Teodora Mocanu, Sergiu Shova, Diana Dragancea, Mihai Raduca, Marius Andruh, New Schiff base ligands for 3d, 3d-4f, 4f and 4f-4f' complexes, MacroYouth2025, 6th Edition, 19th November 2025, Iași, Romania, (*oral presentation*), <https://icmpp.ro/macroyouth2025/>.
4. S.M. Coman, **M. Bordeiasu**, C. Licu, M. El Fergani, N. Candu, V.I. Parvulescu, Heterogeneous catalyzed valorization of furanics: a sustainable bridge to fuels and chemicals, RomCat 2025, 09-11 Iulie 2025, Cluj-Napoca, Romania, (*Keynote lecture*), p. 27-28, <https://www.chimie.unibuc.ro/romcat/docs/BOOK%20OF%20ABSTRACTS%20RomCat2025.pdf>
5. **O.A. Petcuta**, M. Balan, V.I. Parvulescu, S.M. Coman, Hierarchical Zeolite-Based Catalysts for Glycerol Acetalization, RomCat 2025, 09-11 Iulie 2025, Cluj-Napoca, Romania, (*Prezentare orală*) p. 48-49, <https://www.chimie.unibuc.ro/romcat/docs/BOOK%20OF%20ABSTRACTS%20RomCat2025.pdf>
6. **M. Bordeiasu**, J. Goscińska, V. I. Parvulescu, S. M. Coman, Design of Fe-Doped ZIF-67 Derived Carbon Catalysts for HMF Oxidation, RomCat 2025, 09-11 Iulie 2025, Cluj-Napoca, Romania, (*Prezentare orală*) p. 65-66, <https://www.chimie.unibuc.ro/romcat/docs/BOOK%20OF%20ABSTRACTS%20RomCat2025.pdf>
7. **Ș.-B. Ivan**, I. Popescu, C. Negrilă, F. Papa, S. Lorient, I.-C. Marcu, Low-temperature ethane oxydehydrogenation over M-modified (M = Sn, Ti, Sb, Ta) NiNbO mixed oxide catalysts, International Chemical Engineering and Material Symposium, SICHEM 2025, 06-07 noiembrie 2025, București, România, (*Prezentare orală*) <https://www.societatea-de-inginerie-chimica.ro/index.html>
8. Alexia I. Cojocar, **Bogdan C. Enache**, Anamaria Hanganu, Codruța C. Popescu, Mihaela Matache, A Novel Azo-1,3,4-Oxadiazole Derivative: A Stepwise Synthesis and Photophysical Evaluation, Marisiensis International Scientific Congress, 21th – 25th May 2025, Târgu Mureș, Romania, (*Prezentare orală*) <https://marisiensis.lstgm.ro/>
9. N. Candu, **M. Bordeiasu**, M. El Fergani, V. I. Parvulescu, S. M. Coman, Selective Oxidation of HMF to FDCA Over Transitional Metal Oxides Based Magnetic Nanoparticles, RomCat 2025, 09-11 Iulie 2025, Cluj-Napoca, Romania, (*poster*) p. 89-90, <https://www.chimie.unibuc.ro/romcat/docs/BOOK%20OF%20ABSTRACTS%20RomCat2025.pdf>

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10. I. Podolean, **M. Bordeiasu**, M. Tudorache, S. M. Coman, Integrated Catalytic and Biocatalytic Approaches for the Sustainable Valorisation of Vegetable Oil-Based Feedstocks, RomCat 2025, 09-11 Iulie 2025, Cluj-Napoca, Romania, (*poster*) p. 131-132, <https://www.chimie.unibuc.ro/romcat/docs/BOOK%20OF%20ABSTRACTS%20RomCat2025.pdf>
11. **D.-S. Baltag**, A. Răducan, P. Oancea, B. Cojocaru, R. Zăvoianu, V.I. Pârvulescu, O.D. Pavel, The Impact of the Layered Materials Synthesis Method Type on the Photodegradation of the Recalcitrant Dye Orange G, RomCat 2025, 09-11 Iulie 2025, Cluj-Napoca, Romania, (*poster*)p. 79-80, <https://www.chimie.unibuc.ro/romcat/docs/BOOK%20OF%20ABSTRACTS%20RomCat2025.pdf>
12. **R.-I. Jalbă**, B. Jurca, I. Man, V.I. Pârvulescu, Mechanistic Investigations of CO₂ Reduction on bi-Dimension Metal-Carbon Catalysts: Experimental Kinetics and Theoretical Modelling, RomCat 2025, 09-11 Iulie 2025, Cluj-Napoca, Romania, (*poster*) p. 105-106, <https://www.chimie.unibuc.ro/romcat/docs/BOOK%20OF%20ABSTRACTS%20RomCat2025.pdf>
13. **Sabina Ion**, Vasile I. Parvulescu, Madalina Tudorache, Biocatalytic alternative of lignin valorization based on the carboxymethylation process, RomCat 2025, 09-11 Iulie 2025, Cluj-Napoca, Romania, (*poster*) <https://www.chimie.unibuc.ro/romcat/docs/BOOK%20OF%20ABSTRACTS%20RomCat2025.pdf>
14. **Nicoleta Sandu**, Anamaria Hanganu, Codruța C. Popescu, Mihaela Matache, Adrian Șalic, Design and synthesis of poly-functionalized azides for “click” chemistry-based microscopy applications, Young Researchers’ International Conference on Chemistry and Chemical Engineering (YRICCCE V), 8-10th May 2025, Cluj-Napoca, Romania, (*poster*) <https://www.chem.ubbcluj.ro/~schr/yriccce2025/index.html>
15. **Mihai-Alexandru Molența**, Anamaria Hanganu, Mihaela Matache, Valentin Victor Jerca, 1,3,4-Oxadiazole core as Building Block for Fluorescent Materials Design, Young Researchers’ International Conference on Chemistry and Chemical Engineering (YRICCCE V), 8-10th May 2025, Cluj-Napoca, Romania, (*poster*) <https://www.chem.ubbcluj.ro/~schr/yriccce2025/index.html>
16. Teodora Purice, **Nicoleta Sandu**, **Alexandru Molența**, Anamaria Hanganu, Codruța Popescu, Mihaela Matache, Adrian Șalic, Synthesis of Halo-Tag derived azides and their reactivity in “click” chemistry, International Conference ”Students for Students – ICSFS XXIst edition 2025, 9-13th May 2025, Cluj-Napoca, Romania, (*poster*) <https://osccluj.ro/international-conference-students-for-students/>
17. **R.I. Botea**, A.M. Mădălan, Strategic synthesis of mono- and binuclear complexes using polydentate ligands with extended π systems, International Conference “CHIMIA”, 30 May-01 June 2024, Constanta, Romania, Program, page 7 (Oral Sessions, OA2). <https://fsai.univ-ovidius.ro/chimia2024/conference.html>
18. **R.I. Botea**, A. M. Mădălan, Strategic synthesis of mono- and binuclear complexes using polydentate ligands with extended π systems, Scientific Communications of Young Researchers with International Participation, 5th Edition, MacroYouth 2024, 15 November 2024, Iasi, Romania, Book of Abstracts, pages 6-7 (Oral Communication OC2).
19. **C.A. Tudor**, M. V. Iliș, V. Cîrcu, Luminescent heteroleptic dinuclear copper(I) complexes with phosphine and N-benzoyl thiourea ligands, International Colloquium "Physics of Materials" – PM 8, November 14-15, 2024 Bucharest, Romania, (prezentare orală). Conference Program_PM-8.pdf
20. **M. Alkali**, V. Cîrcu, M. Iliș, Study of liquid crystals based on ionic copper(I) complexes with benzoyl thiourea ligands using BF₄⁻ and PF₆⁻ as counterions International Colloquium "Physics

of Materials" – PM 8, November 14-15, 2024 Bucharest, Romania, (prezentare orală).
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21. **D. G. Mitrea**, M. Iliș, D. Mănăilă-Maximean, V. Cîrcu, Hybrid materials based on liquid crystals doped with double cyclopalladated complexes, , International Colloquium "Physics of Materials" – PM 8, November 14-15, 2024, Bucharest, Romania, (poster). Conference_Program_PM-8.pdf
22. **T. A. Ilincă**, M. Iliș, M. Micutz, V. Cîrcu, Liquid crystalline and gel properties of luminescent palladium(II) complexes with benzoylthiourea ligands, International Colloquium "Physics of Materials" – PM 8, November 14-15, 2024, Bucharest, Romania, (poster). Conference_Program_PM-8.pdf
23. **C.A. Alexe**, C. Gaidău, M. V. Iliș, V. Cîrcu, Thermo Responsive Surfaces Design Using Cholesteric Liquid Crystals, , International Colloquium "Physics of Materials" – PM 8, November 14-15, 2024, Bucharest, Romania, (poster). Conference_Program_PM-8.pdf
24. A.I. Athorbei, C. Despa, **M. Răducă**, C. Maxim, D.-L. Popescu, Synthesis and Characterization of New Copper(II) Schiff Base Complexes with Potential Anticancer Activity, NeXT-Chem Innovative Cross-Sectoral Technologies Exploratory Workshops Series VIth Edition, 21-22 March 2024, chrome-extension://efaidnbmninnibpcajpcglclefindmkaj/https://icechim.ro/wp-content/uploads/NeXT-Chem-2024_BoA.pdf
25. **R.M. Banciu**, C. Bala, A. Vasilescu, Effect of the electrical field on the specific binding between an aptamer and its target analyte: case study of a lysozyme aptasensor, The 7th International Conference New Trends in Sensing - Monitoring - Telediagnosis for Life Sciences, 20-22 September 2024, Brașov, România (oral presentation).
26. **A. Ftodiev**, G. Necula Petrareanu, C. Purcarea, C. Bala, A. Vasilescu, Aptamers labelling with new enzyme for bioassay and biosensors: preliminary results, The 7th International Conference New Trends in Sensing - Monitoring - Telediagnosis for Life Sciences, September 20 - 22, 2024, Brașov, România (oral presentation).
27. **M. David**, T.A. Enache, L. Barbu-Tudoran, M. Florescu, C. Bala, Biologically synthesized gold nanoparticles for the detection of water contaminants, Seventh Edition of International Conference on Analytical and Nanoanalytical Methods for Biomedical and Environmental Sciences, "IC-ANMBES 2024", 17-20 September 2024, Brasov, Romania (poster).
28. **N. Sandu**, M.D. Mușetescu, A. Hanganu, C.C. Popescu, M. Matache, A. Șalic, Synthesis of amino azides as building blocks for "click"-based cellular imaging probes, New Trends in Chemistry 2024 - September 18-20, 2024, Timișoara, Romania - <https://www.newtrends-timisoara.ro/> (poster).
29. T. Purice, **A. Dobre**, A. Hanganu, C. Popescu, M. Matache, A. Șalic, Novel halo-tag probes for cellular imaging applications, New Trends in Chemistry 2024 - September 18-20, 2024, Timișoara, Romania - <https://www.newtrends-timisoara.ro/> (poster presentation)
30. M. Ioan, D.F. Anghel, **G.A. Sanda**, L.O. Cintează, D. Bala - Novel multifunctional organo-modified silica coatings for metallic historic objects - prezentare tip poster- International Conference of Physical Chemistry, ROMPHYSICHEM 17, 25-27 septembrie 2023, Bucuresti, Romania
31. **G.A. Sanda**, V. Cîrcu, M. Iliș, M. Micuț, C.L. Nistor, C. Petcu, L.O. Cintează - Non-ionic surfactants based lyotropic liquid crystals as transdermal drug delivery systems for curcumin and essential oils - prezentare tip poster- International Conference of Physical Chemistry, ROMPHYSICHEM 17, 25-27 septembrie 2023, Bucuresti, Romania
32. **G.A. Sanda**, V. Cîrcu, M. Iliș, M. Micuț, C.L. Nistor, C. Petcu, L.O. Cintează - Rational design of lyotropic liquid crystal based carriers for curcumin transdermal administration, International symposium Priorities of Chemistry for a Sustainable Development PRIOCHEM 11-13 octombrie 2023, Bucuresti, Romania, prezentare tip poster
33. **N. Sandu**, A.C. Minea, A.G. Mirea, A. Hanganu, A. Păun, C.C. Popescu, M. Matache, Structural diversification of N-acylhydrazone building blocks for macrocycles and polymeric materials, International School on Innovations in Homogeneous and Supported Homogeneous Catalysis (ISI-HSHC), Bucharest - April 25-28, 2023 (prezentare orală)

34. **G. Costache, N. Sandu**, A.-G. Grecu, M.L. Matache, M. Matache, Challenges and Solutions in STEM Research Training faced and discussed in the ReachSci Programme at Cambridge University, 10th – 13rd April, 2023, Timișoara, Romania (prezentare orală)
35. **M.A. Badea, N. Guzo**, B. Cojocaru, V.I. Parvulescu, S.M. Coman, Ru-based catalysts for the amination of renewable lactic acid to alanine, International School on Innovations in Homogeneous and Supported Homogeneous Catalysis (ISI-HSHC), Bucuresti 25-28 Aprilie, 2023 (prezentare poster)
36. **A.F. Dobre**, N. Sandu, A. Hanganu, I. Nicolau, C.C. Popescu, A. Paun, A.M. Mădălan, M. Matache, Novel perspectives of azo photoswitches: synthesis of oxa / thiadiazole decorated compounds and evaluation as switches, 8th International Workshop of Materials Physics, 17-19 May, 2023, Bucuresti, Romania (prezentare poster)
37. A. Hanganu, M.V. Maxim, M.O. Cristina, C. Popescu, **N. Sandu, A. Dobre**, M. Florea, M. Matache, D.P. Funeriu, NMR spectroscopy – a useful tool for monitoring formation of benfotiamine from thiamine, 8th International Workshop of Materials Physics, 17th – 19th May, 2023, Măgurele, Romania (prezentare poster)
38. **N. Sandu**, A.G. Mirea, A. Hanganu, M. Florea, I. Nicolau, A. Păun, C.C. Popescu, M. Matache, Synthesis of novel tricarboxylic units for hybrid organic-inorganic materials, 8th International Workshop of Materials Physics, 17th – 19th May, 2023, Măgurele, Romania (prezentare poster)
39. G. Costache, **B.C. Enache**, A. Hanganu, A. Păun, C. Popescu, M. Matache, Synthesis of N-acylhydrazone-based arylazopyrazoles and evaluation as multistate photoswitches, 8th International Workshop of Materials Physics, 17th – 19th May, 2023, Măgurele, Romania (prezentare poster)
40. **M. Răducă**, D. Hunger, S. Shova, M. Andruh, When a nitronyl nitroxide ligand meets amines to form Schiff bases. Ligands design and their complexes, Macro Iași 2023, Iași, România, October 4 - 6, 2023, prezentare orală
41. **M. Răducă**, M. Andruh, When a nitronyl nitroxide ligand meets amines to form Schiff bases. Ligands design and their complexes, International Conference of Physical Chemistry – ROMPHYSICHEM, 25-27 septembrie 2023, București, România, prezentare orală
42. **M. Răducă**, D. Hunger, S. Shova, M. Andruh, When a nitronyl nitroxide ligand meets amines to form Schiff bases. Ligands design and their complexes with 3d and 4f metal ions, New Trend In Chemistry Research, Timișoara, România, 21-22 septembrie 2023, prezentare orală
43. A. Luca, M. Turtoi, **A. A. Patrascu**, C. Maxim, D.-L. Popescu, Oxidovanadium complexes with potential insulinomimetic activity, NeXT-Chem, Vth ed., Bucuresti, 22-23 mai 2023, prezentare orală.
44. **T.A. Ilincă**, M. Iliș, M. Micutz, V. Cîrcu, Design, characterization and luminescent properties of palladium (II) complexes with mixed ligands, NeXT-Chem: Innovative cross-sectoral technologies, IVth Edition, May 19-20, 2022, Bucharest, Romania, prezentare orală. NeXT-Chem (icechim.ro)
45. **D.G. Mitrea**, M. Iliș, V. Cîrcu, Red-emitters based on dinuclear cyclometallated palladium (II) complexes, NeXT-Chem: Innovative cross-sectoral technologies, IVth Edition, May 19-20, 2022, Bucharest, Romania, prezentare orală. NeXT-Chem (icechim.ro)
46. **D.G. Mitrea**, M. Iliș, D. Mănăilă-Maximean, V. Cîrcu, Light-emitting materials based on nematic liquid crystals doped with double cyclopalladated complexes, International Colloquium "Physics of Materials" – PM 7, November 10-11, Bucharest, Romania, prezentare orală. ABSTRACT BOOK (pub.ro)
47. **T.A. Ilincă**, M. Iliș, M. Micutz, V. Cîrcu, Lamellar liquid crystals from luminescent palladium(II) complexes with mixed ligands, International Colloquium "Physics of Materials" – PM 7, November 10-11, Bucharest, Romania, prezentare tip poster, ABSTRACT BOOK (pub.ro)
48. C. Turcu, C. A. Spinu, T. Mocanu, C. Maxim, S. Nica, M. Andruh, Crystal engineering of novel Cu(II) complexes using a photoisomerizable modified ortho-vanilin ligand, CNCHIM-2022 ediția XXXVI, 4-7 octombrie 2022, Călimănești-Căciulata, poster.

49. **S. Ion**, M. Tudorache, V.I. Parvulescu, Biocatalysis as a green route for lignin derivatization, The 13th International Symposium of the Romanian Catalysis Society RomCat2022 (22-24 Iunie 2022, Baile Govora, Romania), Prezentare orală
50. **N. Sandu**, A.M. Purcarea, A.G. Mirea, A. Hanganu, N.D. Hadade, A. Paun, C.C. Popescu, M. Matache. Hydrazone-based macrocycles as hosts for organic small-molecules. International Conference “Students for students” (ICSFS XVIIIth edition), 6-10 April 2022, Cluj-Napoca, Romania) Poster, Flash Presentation – Online
51. **G. Stoian**, P. Oancea, B. Cojocaru, M. Tudorache, V.I. Parvulescu, S.M. Coman, Efficient humins wastes valorization: a green approach toward carbon quantum dots (CQDs) in biphasic butanol/water systems, The 13th International Symposium of the Romanian Catalysis Society RomCat2022 (22-24 Iunie 2022, Baile Govora, Romania), Prezentare poster
52. **M. Bordeiasu**, A. Ejsmont, J. Goscińska, V.I. Parvulescu, S.M. Coman, Co-BTC@Co₃O₄ MOFs catalysts for the selective HMF oxidation to HMFA, The 13th International Symposium of the Romanian Catalysis Society RomCat2022 (22-24 Iunie 2022, Baile Govora, Romania), Prezentare poster
53. **M.-A. Badea**, B. Cojocaru, V.I. Parvulescu, S. M. Coman, Catalytic production of amino acids from biomass-derived intermediates, The 13th International Symposium of the Romanian Catalysis Society RomCat2022 (22-24 Iunie 2022, Baile Govora, Romania), Prezentare poster
54. **N.C. Guzo**, B. Cojocaru, J. Gościńska, V.I. Parvulescu, S.M. Coman, TiO₂-Carbon Quantum Dots (CQDs) nanocomposites for photocatalytic purification of waste waters, The 13th International Symposium of the Romanian Catalysis Society RomCat2022 (22-24 Iunie 2022, Baile Govora, Romania), Prezentare poster
55. **E.E. Toma**, **G. Stoian**, B. Cojocaru, M. Tudorache, J. Gościńska, V.I. Parvulescu, S.M. Coman, CQD@ZnO heterostructures with enhanced photocatalytic properties, The 13th International Symposium of the Romanian Catalysis Society RomCat2022 (22-24 Iunie 2022, Baile Govora, Romania), Prezentare poster
56. **S. Ion**, **N.C. Guzo**, O.D. Pavel, M. Tudorache, S.M. Coman, V.I. Parvulescu, B. Cojocaru, Supramolecular organic-inorganic magnetic materials with efficient effect on photocatalytic removal of antibiotics from water, The 13th International Symposium of the Romanian Catalysis Society RomCat2022 (22-24 Iunie 2022, Baile Govora, Romania), Prezentare poster
57. **Z. Arora**, **D.-I. Eftemie**, A. Spinciu, C. Maxim, A.-M. Hanganu, M. Tudorache, B. Cojocaru, O.D. Pavel, P. Granger, M. Andruh, V.I. Parvulescu, Valmet chiral-base ligands and their copper(II) complexes as organo, homogeneous and heterogeneous catalysts for Henry, cyanosilylation and aldol coupling reactions, The 13th International Symposium of the Romanian Catalysis Society RomCat2022 (22-24 Iunie 2022, Baile Govora, Romania), Prezentare poster
58. M. Tudorache, A.-M. Ciorici, **S. Ion**, V. Parvulescu, DES-based biocatalysis for menthol derivatization, The 13th International Symposium of the Romanian Catalysis Society RomCat2022 (22-24 Iunie 2022, Baile Govora, Romania), Prezentare poster
59. R. Grigore, **S. Ion**, M. Tudorache, Biocatalytic alternative for chitosan valorization, The 13th International Symposium of the Romanian Catalysis Society RomCat2022 (22-24 Iunie 2022, Baile Govora, Romania), Prezentare poster
60. **Ş.-B. Ivan**, M.M. Trandafir, C. Negrilă, M. Florea, I.-C. Marcu, Ethane oxidative dehydrogenation over M-modified NiNb mixed oxide catalysts (M = Al, Mg, Mn and Fe), The 13th International Symposium of the Romanian Catalysis Society RomCat2022 (22-24 Iunie 2022, Baile Govora, Romania), Prezentare poster
61. G. Gheorghita, **S. Ion**, **A. Ftodiev**, V.I. Paun, C. Purcarea, M. Tudorache, Biocatalytic system for silymarin derivatization based on cold-active lipase biocatalyst, The 13th International Symposium of the Romanian Catalysis Society RomCat2022 (22-24 Iunie 2022, Baile Govora, Romania), Prezentare poster
62. **T.G. Tofan**, **A.C. Soare**, M.C. Cheregi, I.G. David, V. David, Spectrofluorimetric determination of ciprofloxacin and norfloxacin in pharmaceutical formulations. Applications to stability studies, Conferința Internațională CHIMIA 2020 Constanța, România 27-29 mai 2021, poster.

63. A.V. Medvedovici, **D. Preda**, Peak homogeneity in LC/DAD and LC/MS, Conferința Internațională CHIMIA 2020 Constanța, România 27-29 mai 2021, plenary lecture.
64. **O. Petcuță, M. Bordeiașu**, M. Cărnăuță, A.M. Mădălan, C. Maxim, D.-L. Popescu, Synthesis and characterization of new oxovanadium(V) compounds with potential applications in food packing and preservation, 1st Edition of AdFood Chem International Conference, Bucharest, Romania, April 15-17, 2021, online, oral presentation.
65. O. Petcuță, **M. Bordeiașu**, M. Turtoi, A.M. Mădălan, C. Maxim, D.-L. Popescu, Oxovanadium(V) complexes with Schiff base ligands – synthesis, characterization and biological Activity, 17th Edition of International Conference "Students for students", Cluj-Napoca, Romania, April 21-25, 2021, online, oral presentation.
66. C.-M. Bolocan, **M. Răducă**, A.M. Mădălan, D.-L. Popescu, Cobalt(II) extended structures with divergent bipyridine-based ligands" 17th Edition of International Conference "Students for students", Cluj-Napoca, Romania, April 21-25, 2021, online, oral presentation.
67. D. Jircă, **M. Răducă**, A.M. Mădălan, D.-L. Popescu, Copper(II) coordination polymers self-assembled from diamines and lactic acid, 17th Edition of International Conference "Students for students", Cluj-Napoca, Romania, April 21-25, 2021, online, poster.
68. S. Banutoiu, **M. Raduca**, M.-D. Havriscuic, D. Avram, C. Tiseanu, C. Maxim, Luminescent lanthanides materials based on phenanthroline derivatives, PRIOCHEM XVII, Bucuresti, Romania, 27-29 octombrie 2021, poster.
69. **M.A. Tanase, A.C. Soare**, B. Radu, C.L. Nistor, B. Trica, C. Petcu, L.O. Cinteza, Synthesis, characterization and biocompatibility of anisotropic silver nanoparticles, The XVIIth International Symposium "Priorities of Chemistry for a Sustainable Development" - PRIOCHEM XVII, Bucharest, Romania, 27-29 October, 2021, poster
70. M. Marinescu, **M.A. Tănase**, L.O. Cintează, I.C. Gîfu, S.G. Burlacu, C. Petcu, Synthesis and nonlinear optical studies of N-containing heterocyclic compounds, The XVIIth International Symposium "Priorities of Chemistry for a Sustainable Development" - PRIOCHEM XVII, Bucharest, Romania, 27-29 October, 2021, poster
71. **B.-C. Enache**, A. Hanganu, A. Mădălan, M. Matache, Synthesis of novel arylazopyrazole photoswitches, Young Researchers' International Conference on Chemistry and Chemical Engineering (YRICCCE III), Cluj-Napoca, Romania, June 04 – 05 2021, poster
72. R. Mihailescu, O.D. Pavel, **S. Ion**, M. Tudorache, S.M. Coman, V.I. Parvulescu, B. Cojocaru, Photocatalytic decontamination of wastewaters using hybrid organic inorganic magnetic supramolecular catalysts, Contemporary Solutions for Advanced Catalytic Materials with a High Impact on Society (CoSolMat), Bucuresti, Romania, 11 – 15 Octombrie 2021, poster
73. **G. Stoian**, M. El Fergani, B. Cojocaru, P. Oancea, V.I. Parvulescu, S.M. Coman, Optimized hydrothermal synthesis of fluorescent carbon quantum dots from humins wastes, Young Researchers' International Conference on Chemistry and Chemical Engineering (YRICCCE III Virtual), Cluj-Napoca, Romania, 4-5 June 2021, prezentare orală
74. **G. Stoian**, P. Oancea, B. Cojocaru, M. Tudorache, V.I. Parvulescu, S.M. Coman, Green strategy for the synthesis of carbon quantum dots (CQDs) from humins wastes, Contemporary solution for advanced materials with high impact on society (CoSolMat Virtual), Bucharest, Romania, 11-15 October 2021, prezentare orală
75. **N.C. Guzo**, M. El Fergani, B. Cojocaru, J. Gościańska, V.I. Parvulescu, S.M. Coman, From humins wastes to carbon quantum dots (CQDs) based photocatalytic nanocomposites, Contemporary solution for advanced materials with high impact on society (CoSolMat Virtual), Bucharest, Romania, 11-15 October 2021, prezentare orală
76. M. El Fergani, I. Podolean, **N. Guzo**, S.M. Coman, M. Tudorache, V.I. Parvulescu, N. Candu, Magnetic core-multi-shell nanocomposites for green oxidation process of glucose, Contemporary solution for advanced materials with high impact on society (CoSolMat Virtual), Bucharest, Romania, 11-15 October 2021, prezentare orală

77. **S. Ion**, B. Cojocaru, M. Tudorache, V.I. Parvulescu, Lignin derivatization using enzymatic pathway, Contemporary solution for advanced materials with high impact on society (CoSolMat Virtual), Bucharest, Romania, 11-15 October 2021, prezentare orală
78. Bienzymatic biocatalyst based on enzyme co-immobilization for monoterpenes valorization, **M.C. Ghetu**, M. Tudorache, Contemporary solution for advanced materials with high impact on society (CoSolMat Virtual), Bucharest, Romania, 11-15 October 2021, prezentare orală
79. I. Brezestean, D. Marconi, A. Colniță, A. Ciorăță, M. C. Corobea, **A.-E. Stamate**, O.D. Pavel, R. Zăvoianu, I. Turcu, Spectroscopic and microscopic investigations of the graphene oxide influence on hybrid powder products based on LDH structures, 13th International Conference Processes in Isotopes and Molecules, 22-24 September 2021, Cluj-Napoca, Romania e-poster 2021, prezentare orală
80. **H.M.S. Al-Aani**, M.M. Trandafir, I. Fechete, L.N. Leonat, M. Badea, C. Negrilă, I. Popescu, M. Florea, I.-C. Marcu, Methane combustion over highly effective cobalt-promoted copper-cerium-based LDH-derived mixed oxides catalysts, 24th International Symposium "The Environment and the Industry" SIMI 2021 (online), September 24, 2021, Bucharest, Romania, prezentare orală
81. **M.C. Stoian**, C. Romanițan, G. Crăciun, D. Culiță, F. Papa, C. Negrilă, I. Popescu, I.-C. Marcu, Co-based mixed oxide catalysts derived from multicationic LDH precursors for the total oxidation of methane, Young Researchers' International Conference on Chemistry and Chemical Engineering (YRICCCE III), June 4-5, 2021, Cluj-Napoca, Romania, prezentare orală
82. **C. Rizescu**, C. Sun, I. Popescu, A. Urdă, P. Da Costa, I.-C. Marcu, Cu-containing ex-LDH mixed oxide catalysts for the hydrodeoxygenation of benzyl alcohol, Young Researchers' International Conference on Chemistry and Chemical Engineering (YRICCCE III), June 4-5, 2021, Cluj-Napoca, Romania, prezentare orală
83. **A.-E. Stamate**, O.D. Pavel, R. Birjega, R. Zăvoianu, I.-C. Marcu, Highlights on the catalytic properties of MgNi(Cu)Al LDH in the selective epoxidation of cyclohexene, Young Researchers' International Conference on Chemistry and Chemical Engineering (YRICCCE III), June 4-5, 2021, Cluj-Napoca, Romania, prezentare orală
84. **D.-I. Eftemie**, A.-M. Spinciu, C. Maxim, **Z. Arora**, A.-M. Hanganu, M. Tudorache, B. Cojocaru, O. D. Pavel, P. Grange, M. Andruh, V. I. Pârvulescu, Chiral-copper(II) complexes anchored on carboxylated graphene oxide for catalytic applications, CoSolMat 2021, Bucuresti, Romania, 11-15 octombrie 2021, poster.

Participări la conferințe internaționale organizate în străinătate

1. **Cosmin A. Tudor**, Viorel Cîrcu, Monica Iliș, Synthesis, Characterization, and Helical Twisting Power of Chiral Copper (I) N-Acylthiourea Complexes In a Nematic Liquid Crystals, 4th International Scientific Research and Innovation Congress, December 14-16, 2025, Bursa, Turkiye (prezentare online), <https://www.ubakkongre.com/kitaplar>.
2. **C. Rizescu**, A.-T. Toderaș, A. Urdă, I. Popescu, I.-C. Marcu, Highly effective hydrodeoxygenation catalysts obtained from transition-metal-containing layered double hydroxide precursors, 9th International Conference on Functional Nanomaterials and Nanodevices (NANOMAT2025), 2-5 septembrie 2025, Zagreb, Croația, (Invited lecture), <https://www.nanomat-conference.com/past-events.html>
3. **Nicoleta Sandu**, Anamaria Hanganu, Codruta C. Popescu, Mihaela Matache, Adrian Șalic, Synthesis of multifunctional chelating azides for imaging cellular processes by fast CuAAC reaction, 23rd European Symposium on Organic Chemistry (ESOC 2025), June 29th-July 3rd 2025, Copenhagen, Denmark, (poster) <https://www.rsc.org/events/detail/81207/european-symposium-on-organic-chemistry-esoc-2025>
4. Diandra Gheorghe, **N. Sandu**, A. Hanganu, A. Mirea, M. Matache, C. Popescu, A. Păun, D. Ciuparu, Synthesis of Novel Metal-Organic Frameworks with Application in CO₂ Capture, 23rd European Symposium on Organic Chemistry (ESOC 2025), June 29th-July 3rd 2025, Copenhagen, Denmark, (poster) <https://www.rsc.org/events/detail/81207/european-symposium-on-organic-chemistry-esoc-2025>

5. **Mihai-Alexandru Molența**, Anamaria Hanganu, Mihaela Matache, Valentin Victor Jerca, Multi step divergent diversity-oriented synthesis of discrete and macromolecular 1,3,4-oxadiazole congeners, 23rd European Symposium on Organic Chemistry (ESOC 2025), June 29th-July 3rd 2025, Copenhagen, Denmark, (poster) <https://www.rsc.org/events/detail/81207/european-symposium-on-organic-chemistry-esoc-2025>
6. **Daniela Partene**, *Studiul reacțiilor cu transfer de electroni prin experimente*. Seminarul științifico-metodic sud-est european „Didactica Biologiei și Chimiei”, Chișinău 27.10.2025, online. <https://upsc.md/wp-content/uploads/2025/10/Aviz-Seminar.pdf>
7. **M. Răducă**, F. Tuna, M. Andruh, The design of homo- and hetero-di-radicals as ligands for the synthesis of 3d and 4f complexes, CoFRO: Coordination Chemistry between France and Romania, 2024, Rennes, Franța (prezentare orală).
8. **M. Alkali**, M. Iliș, V. Cîrcu, Design of Emissive Liquid Crystals based on Copper (I) complexes with Benzoyl thiourea, having a Cyano or Fluoro group peripherally connected, Second Symposium for YouNg Chemists: Innovation and Sustainability June 24-28, 2024, Roma, Italia, (prezentare orală). Full Program - Sync 2024
9. **A. Dobre, B.C. Enache, N. Sandu**, A. Hanganu, C.C. Popescu, A. Paun, I. Nicolau, M. Matache, Synthetic approaches of photo-sensitive azo switches, 9th EuChemS Chemistry Congress (ECC9), Dublin, Ireland, 7th – 11th July, 2024 <https://euchems2024.org/> (oral presentation).
10. **N. Sandu**, A. Cojocaru, T. Purice, A. Mirea, A. Hanganu, A. Păun, C. Popescu, M. Matache, N-acylhydrazone – fundamental building block for development of new materials by dynamic combinatorial chemistry, poster, 9th EuChemS Chemistry Congress (ECC9), Dublin, Ireland, 7th – 11th July, 2024 <https://euchems2024.org/> (poster).
11. **S.G. Ion**, O.D. Pavel, N. Guzo, M. Tudorache, S.M. Coman, V.I. Parvulescu, B. Cojocaru, Efficient removal of antibiotics from waste water by photocatalytically active supramolecular organic-organic-inorganic magnetic composites, 15th European Congress on Catalysis, August 27 – September 1, 2023, Prague, Czech Republic; ENVP-P-007, Tuesday, August 29, https://www.europacat2023.cz/Amca-Europacat2021/media/content/Program/Europacat2023_Program-DETAIL.pdf (prezentare orală)
12. **S.G. Ion**, A. Primo, B. Cojocaru, C. Bala, D. Popescu, V.I. Parvulescu, H. Garcia, Nanometric-Thick Metal-Free h-Boron Nitride/Graphene Films As Base Catalyst for the Synthesis of Benzoxazoles, The 28th North American Catalysis Society Meeting (NAM28), June 18-23, 2023, Providence, Rhode Island, USA. (prezentare orală)
13. **B.-C. Enache, A.F. Dobre**, A. Hanganu, A. Mădălan, C.C. Popescu, A. Păun, M. Matache, Synthetic challenges in preparation of novel oxadiazole and pyrazole-based (hetero)arylazo compounds, KAUST Research Conference, Advances in Sustainable Catalysis, 13-16 February 2023 (prezentare orală)
14. **M. Bordeiasu**, A. Ejsmont, J. Goscińska, B. Cojocaru, V.I. Parvulescu, S.M. Coman, Co-based MOFs for biomass-derived molecules upgrading, 9th Conference of the Federation of the European Zeolite Associations (FEZA2023), 2-6 July 2023, Portorož-Portorose, Slovenia (prezentare poster)
15. **G. Stoian, N.C. Guzo**, B. Cojocaru, P. Oancea, J. Gościńska, M. Tudorache, V.I. Parvulescu, S.M. Coman, TiO₂-CQDs nanocomposites for photocatalytic degradation of diclofenac, 9th Conference of the Federation of the European Zeolite Associations (FEZA2023), 2-6 July 2023, Portorož-Portorose, Slovenia (prezentare poster)
16. **M.C. Stoian**, C. Romanitan, C. Negrilă, H. Atia, K. Neubauer, I. Popescu, I.-C. Marcu, Transition metal-promoted LDH-derived CoCeMgAlO mixed oxides, active catalysts for methane complete oxidation, 15th European Congress on Catalysis (EuropaCat 2023), 27 august – 01 septembrie, 2023, Praga, Republica Cehă (prezentare poster)
17. D. Gheorghe, **N. Sandu**, M. Matache, C.C. Popescu, A. Hanganu, A.G. Mirea, D. Ciuparu, Synthesis of novel N-donor linker metal-organic frameworks (MOFs), XLVII edition of the

"Attilio Corbella" International Summer School on Organic Synthesis, 18th – 22nd June, 2023, Gargnano, Italy (prezentare poster)

18. **A.F. Dobre**, A. Hanganu, I. Nicolau, C.C. Popescu, A. Păun, P. Ioniță, M. Matache, Synthesis and novel perspectives of oxadiazole-based azobenzenes as exciting molecular photoswitches, XLVII edition of the "Attilio Corbella" International Summer School on Organic Synthesis, 18th – 22nd June, 2023, Gargnano, Italy (prezentare poster)
19. A.-G. Grecu, **N. Sandu**, **G. Costache**, M. Matache, Challenges in STEM Research in Romania, ReachSci Conference, 19th – 21st March, 2023, Cambridge, United Kingdom (prezentare poster)
20. **G. Costache**, **N. Sandu**, A.-G. Grecu, M. Matache, Monitoring the Influence of Different Interferents on Glucose Readings of Commercial Glucometers, ReachSci Conference, 19th – 21st March, 2023, Cambridge, United Kingdom (comunicare poster)
21. **N. Sandu**, A.-G. Grecu, **G. Costache**, M. Matache, Challenges In Romanian Chemical Research Publication, poster, ReachSci Conference, 19th – 21st March, 2023, Cambridge, United Kingdom (prezentare poster)
22. **N. Sandu**, A.C. Minea, A.G. Mirea, A. Hanganu, C.C. Popescu, M. Matache, Synthesis of novel precursors of aldehyde and hydrazide type for construction of materials based on N-acylhydrazone functionality, XLVII edition of the "Attilio Corbella" International Summer School on Organic Synthesis, 18th – 22nd June, 2023, Gargnano, Italy (prezentare poster)
23. **S.G. Ion**, V.I. Parvulescu, M. Tudorache, New alternative of lignin valorization based on the biocatalytic carboxymethylation, Biotrans 2023, La Rochelle, Franta (prezentare poster)
24. **M. Răducă**, M. Andruh, Nitronyl nitroxid ligands and Ln(III) complexes synthesized from 2,6-bis(hydroxymethyl)-p-cresol, SCF Congress 2023, Nantes, Franța, 26-28 iunie, poster
25. **C.A. Spinu**, M. Andruh, Heterodispin 2p-3d and heterotrispin 2p-3d-4f complexes derived from nitro-o-vanillin nitronyl nitroxide ligand, 8th European Conference on Molecular Magnetism (ECMM 2022), 4-7 July 2022, Rennes, France, poster.
26. **T.A. Ilinică**, M. Iliș, M. Micutz, V. Cîrcu, Luminescent liquid crystals based on palladium(II) complexes with Schiff base derivatives containing perfluoroalkyl group, First Symposium for YouNg Chemists: Innovation and Sustainability June 20-23, 2022, Roma, Italia, poster T8-9. Microsoft Word - POSTER FINALE 17-6-22.docx (sync2022rome.org)
27. **D.G. Mitrea**, M. Iliș, D. Mănăilă-Maximean, V. Cîrcu, Investigation of light-emitting properties of nematic liquid crystals doped with double cyclopalladated complexes, First Symposium for YouNg Chemists: Innovation and Sustainability June 20-23, 2022, Roma, Italia, poster T8-3. Microsoft Word - POSTER FINALE 17-6-22.docx (sync2022rome.org)
28. **S. Ion**, **N. Guzo**, O. Pavel, M. Tudorache, S.M. Coman, V.I. Parvulescu, B. Cojocaru, Hybrid organic-inorganic composites for photocatalytic environment remediation, "Materials for Biomass Summer School", Norwegian University of Science and Technology, Trondheim, Norvegia, 12-16 septembrie 2022 (Invited Lecture)
29. B. Cojocaru, **R. Mihailescu**, **N. Guzo**, O.D. Pavel, S. Ion, M. Tudorache, S.M. Coman, V.I. Parvulescu, Hybrid organic-inorganic magnetic supramolecular composites with adsorption and photocatalytic degradation capabilities of antibiotics under solar light, The 27th North American Catalysis Society Meeting (NAM27), 22-27 Mai 2022, New York (prezentare orală)
30. **J. Barauna**, T.M. García, M. Magureanu, V.I. Parvulescu, Plasma-liquid catalysis for CO₂ conversion, SICT 2022 / PlasmaTech 2022 / Tribology 2022 Joint Conferences, 27-29 April 2022, Barcelona, Spain (prezentare orală)
31. **S. Ion**, M. Sandulescu, V.I. Parvulescu, Attempts in Lignin derivatization via biocatalysis, LignoCOST Lignin conference, 1-3 June, 2022, Wageningen (NL) (prezentare orală)
32. **S. Ion**, M. Tudorache, V. Parvulescu, Lignin derivatization using biocatalysis, Workshop group meeting CA17128 LignoCOST, 12-13 aprilie 2022, Talin, Estonia (prezentare orală)
33. **Z. Arora**, **D.-I. Eftemie**, **A. Spinciu**, C. Maxim, A.-M. Hanganu, M. Tudorache, B. Cojocaru, O.D. Pavel, P. Granger, M. Andruh, V.I. Pârvulescu, Valmet chiral-base ligands and their copper(II) complexes as organo, homogeneous and heterogeneous catalysts for Henry, cyanosilylation and aldol coupling reactions, 4th HC3A Meeting, Barcelona, 20th - 21st January 2022 (prezentare

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34. A.-M. Ciorici, **S. Ion**, M. Tudorache, V. Parvulescu, DES-based biocatalysis for menthol derivatization, 9th IUPAC International Conference on Green Chemistry (Hybrid) 5-9 September 2022, Athens, Greece (prezentare orală)
35. G. Gheorghita, **S. Ion**, A. Ftodiev, V.I. Paun, C. Purcarea, M. Tudorache, Silymarin derivatization using biocatalytic system based on cold-active lipase biocatalyst, 9th IUPAC International Conference on Green Chemistry (Hybrid) 5-9 September 2022, Athens, Greece (prezentare orală)
36. **Z. Arora, D. L. Eftemie**, A. Spinciu, C. Maxim, A. M. Hanganu, M. Tudorache, B. Cojocaru, O. D. Pavel, P. Granger, M. Andruh, V.I. Parvulescu, Biomass-derived graphene and its oxide used to design heterogeneous chiral catalyst for the Henry, cyanosilylation and aldol coupling reactions, "Materials for Biomass Summer School", Norwegian University of Science and Technology, Trondheim, Norvegia, 12-16 septembrie 2022 (prezentare poster)
37. O.A. Petcuta, **N.C. Guzo**, V.I. Parvulescu, S.M. Coman, Bifunctional Ru/Beta zeolite catalysts for the biomass feedstock upgrading, "Materials for Biomass Summer School", Norwegian University of Science and Technology, Trondheim, Norvegia, 12-16 septembrie 2022 (prezentare poster)
38. **S.G. Ion**, B. Cojocaru, V.I. Pârvulescu, M. Tudorache, Biomass valorization by enzymatic grafting of lignin, "Materials for Biomass Summer School", Norwegian University of Science and Technology, Trondheim, Norvegia, 12-16 septembrie 2022 (prezentare poster)
39. **N.-C. Guzo**, B. Cojocaru, J. Goscianska, V.I. Parvulescu, S.M. Coman, A circular economy concept: from biomass wastes to CQD/TiO₂ catalysts with enhanced photodegradation efficiency of organic dyes, "Materials for Biomass Summer School", Norwegian University of Science and Technology, Trondheim, Norvegia, 12-16 septembrie 2022 (prezentare poster)
40. **S. Ion**, V.I. Paun, **G.R. Gheorghita, A. Ftodiev**, S. Neagu, M. Tudorache, C. Purcarea, Psychrophilic bacterial lipase for improved biocatalytic acylation process in oil industry, 13th International Congress on Extremophiles, Loutraki, Grecia, 18-22 septembrie 2022 (prezentare poster)
41. **A. Dobre**, M. Matache, A. Hanganu, C. Popescu, A. Păun, I. Nicolau, I. Petre, Zwitterion or diradicaloid? Diazenium betaines derived from DPPH, EuChem 28 August-1 September 2022, Lisbon, Portugal (prezentare poster)
42. **A.F. Dobre**, M. Matache, A. Hanganu, C. Popescu, A. Paun, I. Nicolau, Exploring photoswitching capacity of novel azo compounds decorated with oxadiazole moieties, BOSS XVII, 17th Belgian Organic Synthesis Symposium, 3-8 July, 2022 Namur, Belgium, (prezentare poster)
43. **B.C. Enache**, A. Hanganu, A. Madalan, C.C. Popescu, A. Paun, M. Matache, Synthesis of Novel 3,5-bis(trifluoromethyl)-4-arylazopyrazole photoswitches, BOSS XVII, 17th Belgian Organic Synthesis Symposium, 3-8 July, 2022 Namur, Belgium (prezentare poster)
44. M. Matache, **B.C. Enache, A.F. Dobre**, A. Hanganu, C.C. Popescu, A. Paun, I. Nicolau, Exploring novel azo compounds as molecular photoswitches, 8th EuChemS Chemistry Congress, 27th August-1st September, 2022, Lisbon, Portugal (prezentare poster)
45. **B.C. Enache, A.F. Dobre**, A. Hanganu, A.M. Madalan, C.C. Popescu, A. Paun, M. Matache, Influence of electronic effects onto performance of novel arylazopyrazole photoswitches, 8th EuChemS Chemistry Congress, 27th August-1st September, 2022, Lisbon, Portugal (prezentare poster)
46. **N. Sandu**, A.M. Purcarea, A.G. Mirea, A. Hanganu, N.D. Hadade, A. Paun, C.C. Popescu, M. Matache, Synthesis and investigation of hosting efficiency of emissive hydrazone-based macrocycles targeting fluorescent-based sensing applications, 8th EuChemS Chemistry Congress, 27th August-1st September, 2022, Lisbon, Portugal (prezentare poster)
47. **A.F. Dobre**, M. Matache, A. Hanganu, C. Popescu, A. Păun, I. Nicolau, P. Ionita, Novel DPPH-based compounds with redox properties, 8th EuChemS Chemistry Congress, 27th August-1st September, 2022, Lisbon, Portugal (prezentare poster)
48. A. Paun, **A.F. Dobre**, A. Purcarea, I. Nicolau, A.M. Madalan, C.C. Popescu, M. Matache, Oxadiazole derivatives obtained via Sonogashira and Buchwald-Hartwig couplings, 8th

EuChemS Chemistry Congress, 27th August-1st September, 2022, Lisbon, Portugal (prezentare poster)

49. **M. Bordeiașu, M. Răducă**, A.M. Mădălan, D.L. Popescu, Crystalline porous copper(II) coordination polymers with pillared Kagomé LayersThe 262nd International Conference “ACS Fall National Meeting”, Atlanta, Georgia, USA, August 22-26 2021, online, poster.
50. O.A. Petcuță, **M. Bordeiașu**, M. Turtoi, A.M. Mădălan, C. Maxim, D.-L. Popescu, Oxovanadium(V) complexes of bioinorganic relevance: Synthesis, characterization and biological activity, The 262nd International Conference “ACS Fall National Meeting”, Atlanta, Georgia, USA, August 22-26 2021, online, poster.
51. C. Bolocan, D. Jircă, **M. Răducă**, A. Mădălan, D.-L. Popescu, Self-assembled cobalt(II) and copper(II) extended structures with divergent bipyridine based ligands, The 262nd International Conference “ACS Fall National Meeting”, Atlanta, Georgia, USA, August 22-26 2021, online, poster.
52. **M.A. Tănase**, A. Răducan, P. Oancea, C.I. Mihăescu, C. Ninciuleanu, E. Alexandrescu, C. Scmoroscenco, C. Petcu, L.O. Cintează, Facile microwave assisted synthesis of silica based nanocoatings with tunable eettability, 22nd Annual Conference on Material Science (YUCOMAT 2021), Herceg Novi, Montenegro, 30th August – 3rd September, 2021, prezentare orală
53. **M.A. Tănase**, A. Răducan, P. Oancea, C.L. Nistor, E. Alexandrescu, C. Scmoroscenco, C. Petcu, M. Marinescu, L.M. Dițu, L.O. Cintează, New funtional ZnO nanoparticle-based coatings with antibacterial properties synthesizes by a facile microwave approach, 4th International Conferences on Science and Technology ICONST, Budva, Montenegro, 8-10 September, 2021, poster
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