

Articole

1. **N. Terenti**, A. Fălămaș, D. Bogdan, C. Filip, A. Vulcu and A. Petran, Poly-3,4-Dihydroxybenzylidenedihydrazine, a Different Analogue of Polydopamine, *Nanotechnol. Rev.*, **2024**,
2. **N. Terenti**, N. Nedelko, E. Melnic, S. Preda, V. Fruth, J. Latuch, V. Ch Kravtsov, A. Slawska-Waniewska, A. Lazarescu, V. Lozan, Heterometallic Co–Sr – 2,3-pyridinedicarboxylate complex and its related perovskite oxide: Synthesis, structural characterization and magnetic properties, *J. Solid State Chem.*, **2024**, 331, 124538
3. **N. Terenti**, E. Melnic, V. Fruth, N. Nedelko, P. Aleshkevych, S. Lewińska, A. Ślawska-Waniewska, V. Ch. Kravtsov, A. Lazarescu, V. Lozan, Synthesis and microstructure of BaMnO₃ oxide obtained from coordination precursor, *J. Solid State Chem.*, **2023**, 324, 124108;
4. **N. Terenti**, G.-I. Giurgi, A. P. Crișan, C. Anghel, A. Bogdan, A. Pop, I. Stroia, A. Terec, L. Szolga, I. Grosu, J. Roncali Structure-properties of small donor-acceptor molecules for homojunction single-material organic solar cells, *J. Mater. Chem. C*, **2022**, 10, 5716-5726.
5. **N. Terenti**, G.-I. Giurgi, L. Szolga, I. Stroia, A. Terec, I. Grosu and A. P. Crișan Effect of the Terminal Acceptor Unit on the Performance of Non-Fullerene Indacenodithiophene Acceptors in Organic Solar Cells, *Molecules*, **2022**, 27, 1229-1244.
6. L. Căta, **N. Terenti**, C. Cociug, N. D. Hädade, I. Grosu, C. Bucur, B. Cojocaru, V. I. Pârvulescu, M. Mazur and J. Čejka Sonogashira Synthesis of New Porous Aromatic Framework Entrapped Palladium Nanoparticles as Heterogeneous Catalysts for Suzuki–Miyaura Cross-Coupling, *ACS Appl Mater Interfaces*, **2022**, 14, 10428–10437.
7. **N. Terenti**, A. P. Crișan, S. Jungsuttiwong, N. D. Hädade, A. Pop, I. Grosu and J. Roncali, Effect of the mode of fixation of the thienyl rings on the electronic properties of electron acceptors based on indacenodithiophene (IDT), *Dyes Pigm*, **2021**, 187, 109116-109125.
8. **N. Terenti**, M. Ferbinteanu and A. Lazarescu, Crystal structure and characterization of neutral cobalt (III) 2,3- pyridinedicarboxylate complex, *Chem. J. Mold.*, **2018**, 13, 24-29.

Brevete

1. *Brevet de inventie nr. 134664*, Procedeu pentru obtinerea de celule solare organice stabile de tipul ITO/ZnO/Donor + Acceptor/MoO₃/Al folosind un donor de tip indacenoditiofenic si acceptori fulerenici (PC61BM), **N. Terenti**, G.-I. Giurgi, L. Szolga, I. Grosu

Conferinte

1. **Terenti N**, Falamas A and Petran A, *Optical behaviour of new polydopamine analogues*, The 15th International Conference on Physics of Advanced Materials (ICPAM-15) and 6th Autumn School on Physics of Advanced Materials (PAMS-6) November 19 – 26, **2023**, in Sharm El Sheikh, Egypt
2. **Terenti N**, Falamas A and Petran A, *Solvatochromism effect in new polydipamine analogue*, International Conference "Processes in Isotopes and Molecules", September 19 – 22, **2023**, Cluj-Napoca, Romania

3. **Terenti N.**, Crișan A. P., Grosu I., Roncali J., “*Sinteza unor noi materiale active, unicomponente, non-fulerenice, pentru fabricarea celulelor solare organice*” Conferința Națională a Școlilor Doctorale din Consorțiul UNIVERSITARIA – Ediția a II-A, 11 – 14 noiembrie **2019**, Timișoara, România.
4. **Terenti N.**, Grosu I., Roncali J., “*Non-fullerene acceptors based on fused ring system for single molecular organic solar cells*”, International Conference “ACHIEVEMENTS AND PERSPECTIVES OF MODERN CHEMISTRY” October 9-11, **2019**, Chișinău, Republic of Moldova.
5. **Terenti N.**, Crișan A. P., Jungsuttiwong S., Grosu I., Roncali J., “*Effects of the mode of fusion of thiophene on the electronic properties of electron acceptors based on indacenodithiophene*”, International Symposium on Dyes & Pigments, Modern Colorants; The Synthesis and Applications of π -Systems, 8-11 September **2019**, Seville, Spain.
6. **Terenti N.**, Crișan A. P., Grosu I., Roncali J., “*Acceptori non-fulerenici pentru sinteza celulelor organice unicomponente*” Conferința Națională a Școlilor Doctorale din Consorțiul UNIVERSITARIA – Ediția a I-a, 31 octombrie – 3 noiembrie **2018**, Iași, România.
7. **Terenti N.**, Lazarescu A., Fruth V., Petrescu S., Atkinson I. · *Synthesis and microstructure of MnBaO₃ oxide obtained from coordination precursor*, IX International conference in chemistry, Kyiv-Toulouse (ICKT-9) , **2017**, Kiev, Ucraina
8. **Terenti N.**, *Synthesis and investigation of heterometallic Mn(II) complex with 2,3-pyridinedicarboxylate anion*, Conferința Științifică Internațională a studenților și masteranzilor, Ed a VII-a, **2017**, Chisinau, Moldova
9. **Terenti N.**, Ferbinteanu M., Lazarescu A., *Crystal structure of neutral 2,3-pyridinedicarboxylate cobalt (III) complex*, The 6th International Conference Ecological and Environmental chemistry, **2017**, Chisinau, Moldova
10. Lazarescu A , **Terenti N.**, Melnic E, Kravtsov V., Nedelko N., Ślawska-Waniewska A., *Structure and magnetic properties of MnII-Ba heterometallic 2,3-pyridinedicarboxylate polymer*, Materials Science and Condensed Matter Physics. Ed. 8, **2016**, Chisinau, Moldova
11. **Terenti N.**, Lazarescu A., *Synthesis of mixed oxides by thermal decomposition of some polynuclear carboxylates*, Conferința Științifică Internațională a Studenților și Masteranzilor VIITORUL NE APARTINE , ED.A VI-A, **2016**, Chisinau, Moldova.
12. Lazarescu A., Choquesillo-Lazarte D., **Terenti N.**, Lozan V., *d-f mixed-metal assembly with 2,3-pyridinedicarboxylate ligand*, The XVIII-th International Conference Physical Methods in Coordination and Supramolecular Chemistry, **2015**, Chisinau , Moldova
13. Lazarescu A., Nedelko N., Ślawska-Waniewska A., **Terenti N.**, Turta C., *Supramolecular magnetic interactios in mononuclear copper(II) complexes with thiosemicarbazone Schiff bases derived from 2-hidroxy-3-carboxy-naphthaldehyde*, THE 2 nd INTERNATIONAL CONFERENCE ON CHEMICAL ENGINEERING, **2014**, Iasi, Romania.