

Publications list

Ioana-Georgeta Grosu

Molecular and Biomolecular Physics Department, National Institute for R&D of Isotopic and Molecular Technologies (INCDTIM), Donat Street, No 67 – 103, Ro-400293, Cluj-Napoca, Romania

Total number of publications: 16

Total number of ISI publications: 15

Total number of independent ISI citations: 51

Hirsch index: 3

1. C. Lar, M. E. Moisa, E. Bogdan, A. Terec, N. D. Hadade, I. Grosu, L. David, C. Paizs, I. G. Grosu, "Geländer" macrocycles: *Synthesis, chirality and racemisation barriers*; Tetrahedron Letters, **2019**, 60, 335
2. C. Lar, A. Woiczehowski-Pop, A. Bende, I. G. Grosu, N. Miklášová, E. Bogdan, N. D. Hädade, A. Terec and I. Grosu, A *three-armed cryptand with triazine and pyridine units: synthesis, structure and complexation with polycyclic aromatic compounds*; Beilstein Journal of Organic Chemistry, **2018**, 14, 1370
3. A. Calborean, I. Grosu, A. Colnita and D. Marconi, *Design complexity of DPN patterning with Cr³⁺ and Co²⁺ metallic ions on Au (111) thin film*; Journal of Alloys and Compounds, **2018**, 747, 149
4. I. G. Grosu, M. I. Rednic, M. Miclăuş, I. Grosu and A. Bende, *The nature of intermolecular interactions in pyridinium-anion-β-hexachlorocyclohexane molecular crystals*; Phys. Chem. Chem. Phys., **2017**, 19, 20691
5. E. Fischer-Fodor, R. Mikláš, L. Rišiaňová, M. Cenariu, I. G. Grosu et al; *Novel Palladium(II) Complexes that Influence Prominin-1/CD133 Expression and Stem Cell Factor Release in Tumor Cells*; Molecules, **2017**, 22, 561
6. X. Filip, M. O. Miclaus, F. A. Martin, C. Filip and I. G. Grosu; *Optimized multi-step NMR-crystallography approach for structural characterization of a stable quercetin solvate*; Journal of Pharmaceutical and Biomedical Analysis, **2017**, 138, 22
7. M. I. Rednic, R. A. Varga, A. Bende, I. G. Grosu, M. Miclaus, N. D. Hadade, A. Terec, E. Bogdan and I. Grosu; *Supramolecular anion recognition by beta-HCH*; Chemical Communications; **2016**, 52, 12322 –
8. M. O. Miclaus, X. Filip, C. Filip, F. A. Martin and I. G. Grosu; *Highly sensitive solid forms discrimination on the whole tablet of the active ingredients in quercetin dietary supplements by NMR crystallography approaches*; Journal of Pharmaceutical and Biomedical Analysis, **2016**, 124, 274
9. I.-G. Grosu, C. Berghof, P. Lonneck, L. Silaghi-Dumitrescu and E. Hey-Hawkins; *Silver(I) 2,2'-(1,2-Phenylenedisulfaneyl)diacetic Acid as a Molecular Building Block for a Silver(I)-Cadmium(II) Coordination Polymer*; Molecules, **2015**, 20, 8020
10. M. Miclaus, I. G. Grosu, X. Filip, C. Tripon and C. Filip; *Optimizing structure determination from powders of crystalline organic solids with high molecular flexibility: the case of lisinopril dihydrate*; CrystEngComm., **2014**, 16, 299
11. X. Filip, I. G. Grosu, M. Miclaus and C. Filip; *NMR crystallography methods to probe complex hydrogen bonding networks: application to structure elucidation of anhydrous quercetin*; CrystEngComm., **2013**, 15, 4131
12. I. G. Grosu, G. Borodi and M. M. Pop; *N-Butyl-4-butylimino-2-methylpentan-2-aminium (E⁻)-quercetinate*; Acta Crystallographica Section E, **2012**, E68, o2450
13. I. G. Grosu, P. Lönnecke, L. Silaghi-Dumitrescu and E. Hey-Hawkins; *Coordination Polymers of the Heterotopic 1,4-Phenylenebis(oxy)diacetic Acid Ligand: Cadmium(II) Complexes*; Z. Anorg. Allg. Chem., **2011**, 637, 1722
14. C. Berghof, I. G. Grosu, P. Lönnecke, S. Gómez-Ruiz, L. Silaghi-Dumitrescu and E. Hey-Hawkins; *Coordination Chemistry of the Heterotopic 1,2-Phenylenebis(thio)diacetic acid Ligand: Rhodium(I), Palladium(II) and Nickel(II) complexes*; Inorganica Chimica Acta, **2011**, 374, 127
15. I. G. Grosu, S. Gómez-Ruiz, L. Silaghi-Dumitrescu and E. Hey-Hawkins; *Inorganic rings: eight-membered Pd₄S₄ ring in [Pd₄Cl₄{1-S-2-SCH₂COOMe-C₆H₄-k²S'}₄]*; Studia Chemia, LV, **2010**, 3, 241
16. L. Muntean, I. G. Grosu, D. Demeter, N. Bogdan and S. Mager; *Synthesis and Stereochemistry of Some New 1,3-Oxathianes Obtained From 1,4-Dimercaptothreitol*; Studia Chemia, XLIX, **2004**, 1, 121