

Publications list (2011 – present):

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Total number of ISI publications: 19

Total number of ISI citations: 86

Hirsch index: 5

[Publons](#), [Scopus](#) or Publications list.

1. Mic M., Pirnau A., Floare C.G., [Miclaus M.](#), Kacso-I., Palage-M., Bogdan M., *Interaction of 1-methyl-1-([2-[4-(trifluoromethyl)phenyl]-1,3-thiazol-4-yl]methyl) piperidinium chloride with β -CD: spectroscopic, calorimetric and molecular modeling approaches*, Journal of Inclusion Phenomena and Macrocyclic Chemistry, 92, 1-2, **2018**.
2. Nemes OF, Bratu I, Marutoiu C, Kasco I, [Miclaus M.](#), Mihali D, Badea DN: *Spectroscopy investigation of triptych icon from Borsa Church, Maramures Country*, Revista de Chimie, 69, 76, **2018**.
3. Simu M.R., Pall E., Radu T., [Miclaus M.](#), Culic B., Mesaros A.S., Muntean A., Filip G.A.: *Development of a novel biomaterial with an important osteoinductive capacity for hard tissue engineering*, Tissue and Cell, 52, 101, **2018**.
4. Grosu IG, Rednic MI, [Miclaus M.](#), Grosu I, Bende A: *The nature of intermolecular interactions in pyridinium-anion-beta-hexachlorocyclohexane molecular crystals*, Physical Chemistry Chemical Physics, 19, 20691, **2017**.
5. Marutoiu C, Bratu I, Nemes OF, Dit II, Comes R, Tanaselia C, Falamas A, [Miclaus M.](#), Marutoiu VC, Moraru R: *Instrumental analysis of materials and topology of the Imperial Gates belonging to the Apahida wooden church, Cluj County*, Vibrational Spectroscopy, 89, 131, **2017**.
6. Filip X, [Miclaus M.](#), Martin F, Filip C, Grosu IG: *Optimized multi-step NMR-crystallography approach for structural characterization of a stable quercetin solvate*, Journal of Pharmaceutical and Biomedical Analysis, 138, 22, **2017**.
7. Rednic MI, Varga RA, Bende A, Grosu IG, [Miclaus M.](#), Hadade ND, Terec A, Bogdan E, Grosu I: *Supramolecular anion recognition by beta-HCH*, CHEMCOMM, 52, 12322, **2016**.
8. [Miclaus M.](#), Filip X, Filip C, Martin FA, Grosu IG: *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, 124, **2016**.
9. [Miclaus M.](#), Kacso IE, Martin FA, David L., Pop MM, Filip C, Filip X: *Crystal structure and desolvation behaviour of the Tadalafil mono solvates with acetone and methyl ethyl ketone*, Journal of Pharmaceutical Sciences, 104, 3782, **2015**.
10. Soancă A, Perhaița I, [Miclaus M.](#), Florea A, Petruțiu SA, Băciuț M, Roman A: *Characterization of some xenogeneic biomaterials for periodontal regeneration*, Journal of Optoelectronics and Advanced Materials, 17, 704, **2015**.
11. Marconi D., Colnita A., Miclaus M., Turcu I., *Fabrication of interdigitated electrodes by molecular beam epitaxy technique for molecular detection*, European Biophysics Journal with Biophysics Letters, 44, S136-S136, S1, **2015**.
12. Toloman D., Popa A., Raita O., Stan M., Suci R., [Miclaus M.](#), Biris A.R., *Luminescent properties of vanadium-doped SnO2 nanoparticles*, Optical Materials, 37, 3782, **2014**.
13. [Miclaus M.](#), Grosu I.G., Filip X., Tripon C., Filip C., *Optimizing structure determination from powders of crystalline organic solids with high molecular flexibility: the case of lisinopril dehydrate*, CrystEngComm, 16, 299, **2014**.
14. Tripon C, Kacso I, [Miclaus M.](#), Filip X, Bratu I, Filip C: *Molecular structure elucidation of a new anhydrous polymorph of Acyclovir: Experimental and computational approach*, Revista de Chimie, 65, 657, **2014**.
15. Tripon C, [Miclaus M.](#), Filip X, Filip C: *Molecular architecture characterization of a new Acyclovir polymorph*, European Biophysics Journal with Biophysics Letters, 42, S207, S1, **2013**.
16. Filip X., Grosu I.G., [Miclaus M.](#), Filip C., *NMR crystallography methods to probe complex hydrogen bonding networks: application to structure elucidation of anhydrous quercetin*, CrystEngComm, 15, 4131, **2013**.
17. Marian. E, Jurca. T, Kacso I., [Miclaus M.](#), Bratu. I, *Interactions Analysis between Furazolidone and Excipients used in Pharmaceutical Forms*, Revista De Chimie, 64, 1275, **2013**.

18. Marutoiu C., Grapini S. P., Baci A., Miclaus M., Marutoiu V. C., Dreve S., Kacso I., Bratu I., *Scientific Investigations of a 16th Century Stall Belonging to the Evangelic Church in Bistrita, Bistrita-Nasaud County, Romania*, Journal Of Spectroscopy, 957456, **2013**.
19. Marian. E, Jurca. T, Vicas. L, Kacso. I, Miclaus. M., Bratu. I, *Inclusion Compounds of Erythromycin with beta-cyclodextrin*, Revista de Chimie, 62, 1065, **2011**.