

Dr. Alexandru-Constantin Stoica

List of publications

1. Salen-type Schiff bases spaced by the highly flexible and hydrophobic tetramethyldisiloxane motif. Some synthetic, structural and behavioral particularities, *Journal of Molecular Liquids*, 316 (2020): 113852, doi: 10.1016/j.molliq.2020.113852, IF=6.165
2. Dual crystalline–amorphous salen–metal complexes behave like nematic droplets with AIEgens vistas, *Dalton Transactions*, 50 (2021): 13841-13858, doi: 10.1039/d1dt01980e IF=4.390
3. Two-dimensional coordination polymers containing permethylated motifs - promising candidates for 2D emerging materials. Structural, behavioral and functional particularities, *Reactive and Functional Polymers*, 168 (2021): 105039, 10.1016/j.reactfunctpolym.2021.105039, IF=3.975
4. One-pot reduction-hydrophobization of heterogenized platinum with 1,1,3,3-tetramethyldisiloxane, *Applied Organometallic Chemistry*, (2021): e6485, doi: 10.1002/aoc.6485, IF=4.105
5. Silanol-functionalized tetranuclear copper complex and its nanoscale-heterogenization by immobilization on glass surface from solution, *Journal of Molecular Liquids*, 344 (2021): 117742, doi: 10.1016/j.molliq.2021.117742, IF=6.165
6. Octakis(Carboxyalkyl-Thioethyl)Silsesquioxanes and Derived Metal Complexes: Synthesis, Characterization and Catalytic Activity Assessments, *Journal of Inorganic and Organometallic Polymers and Materials*, (2022), doi: 10.1007/s10904-022-02408-8, IF= 3.543
7. Fourteen-member silacycle built by cascade reactions induced by a platinum catalyst, *Journal of Molecular Structure*, 1269 (2022): 133760, doi: 10.1016/j.molstruc.2022.133760, IF=3.841
8. Some Theoretical and Experimental Evidence for Particularities of the Siloxane Bond, *Molecules*, 23 (2022): 8563, doi: 10.3390/molecules27238563, IF=4.927
9. Micellization Turned on Dual Fluorescence and Room Temperature Phosphorescence by Pseudo-ESIPT in Thiadiazole Derivatives, *Journal of Physical Chemistry C*, 127 (2022) 99-109, doi: 10.1021/acs.jpcc.2c07651, IF=4.177
10. A Manganese(II) 3D Metal–Organic Framework with Siloxane-Spaced Dicarboxylic Ligand: Synthesis, Structure, and Properties, *Inorganics*, 21 (2023), doi: 10.3390/inorganics11010021, IF= 3.149
11. Ferronematic Co(II) Complex: An Active Filler for Magnetically Actuated Soft Materials, *Small*, (2023): 2307006, 10.1002/sml.202307006, IF=13.3
12. Fully carboxy-functionalized polyhedral silsesquioxanes as polar fillers to enhance the performance of dielectric silicone elastomers, *Polymer*, 15 (2023): 126492, 10.1016/j.polymer.2023.126492, IF=4.6