

# Tomislav Balic

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18

papers

61

citations

5

h-index

7

g-index

19

ext. papers

91

ext. citations

3.3

avg, IF

2.07

L-index

#	Paper	IF	Citations
18	Inclusion of CO <sub>2</sub> , NH <sub>3</sub> , SO <sub>2</sub> , Cl <sub>2</sub> and H <sub>2</sub> S in porous N <sub>4</sub> O <sub>4</sub> -donor macrocyclic Schiff base. <i>Microporous and Mesoporous Materials</i> , <b>2022</b> , 332, 111708	5.3	2
17	Polymorphism of coumarin thione-triazole - 4-methyl-7-[(4-phenyl-5-thioxo-4,5-dihydro-1H-1,2,4-triazol-3-yl)methoxy]-2H-chromen-2-one. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1231, 129957	3.4	0
16	Single crystal growth, structural characterization and magnetic properties study of an antiferromagnetic trinuclear iron(III) acetate complex with uncoordinated hexamine. <i>Inorganica Chimica Acta</i> , <b>2021</b> , 520, 120292	2.7	0
15	Solvent dependent 4-aminosalicylic acid-sulfamethazine co-crystal polymorph control. <i>European Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 156, 105599	5.1	3
14	Structural and electrochemical properties of two novel CdX <sub>2</sub> (X = Br, I) picolinamide complexes. <i>Polyhedron</i> , <b>2021</b> , 194, 114906	2.7	0
13	Synthesis and Characterization of Nano-Sized 4-Aminosalicylic Acid-Sulfamethazine Cocrystals. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	5
12	Efficient synthesis of new 17-, 18-, 19- and 20-membered N <sub>2</sub> O <sub>2</sub> -donor macrocycles by NaBH <sub>4</sub> reduction and metal picrate extraction studies. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2020</b> , 97, 87-98	1.7	3
11	Ligand influence on the formation of exo-coordinated silver(I) complexes with N <sub>2</sub> O <sub>2</sub> Schiff base macrocycles and the role of anion in supramolecular aggregation. <i>Polyhedron</i> , <b>2020</b> , 190, 114774	2.7	2
10	Synthesis of monosubstituted dipicolinic acid hydrazide derivative and structural characterization of novel Co(III) and Cr(III) complexes. <i>Polyhedron</i> , <b>2019</b> , 166, 226-232	2.7	3
9	Anion influence on polymerization of Cd(II) picolinamide complexes. <i>Inorganica Chimica Acta</i> , <b>2018</b> , 478, 32-43	2.7	5
8	Synthesis and structural characterization of microporous N <sub>4</sub> O <sub>4</sub> -donor Schiff base macrocycle: Study of host-guest interactions and iodine sorption. <i>Microporous and Mesoporous Materials</i> , <b>2016</b> , 226, 53-60	5.3	5
7	Synthesis, structural characterization and extraction studies of 17-, 18-, 19- and 20-membered N <sub>2</sub> O <sub>2</sub> -donor macrocyclic Schiff bases. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2016</b> , 85, 217-226	1.7	2
6	Crystal structure of 2,2'-[pentane-1,5-diylbis(oxy)]dibenzaldehyde, C <sub>19</sub> H <sub>20</sub> O <sub>4</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2016</b> , 231, 619-621	0.2	1
5	Synthesis and structural characterization of new N <sub>2</sub> O <sub>2</sub> -donor Schiff base macrocycles and their silver(I) coordination polymers. <i>Inorganica Chimica Acta</i> , <b>2015</b> , 435, 283-291	2.7	9
4	Electrochemical and structural analysis of a novel symmetrical bis-Schiff base with herringbone packing motif. <i>Journal of Molecular Structure</i> , <b>2015</b> , 1084, 82-88	3.4	6
3	Triclinic polymorph of 4-[4-(4-formyl-phen-oxy)but-oxy]benzaldehyde. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2013</b> , 69, o126		2
2	4-[5-(4-Formyl-phen-oxy)pent-oxy]benzaldehyde. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o2664		2

- 1 Design and synthesis of some thiazolidin-4-ones based on (7-hydroxy-2-oxo-2H-chromen-4-yl) acetic acid. *Molecules*, **2009**, 14, 2501-13 4.8 11