

Dijana Å¹/₂iliÄ

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A mononuclear iron(III) complex with unusual changes of color and magneto-structural properties with temperature: synthesis, structure, magnetization, multi-frequency ESR and DFT study. Dalton Transactions, 2022, 51, 2338-2345.	1.6	2
2	Targeted synthesis of a Cr(III)-VO core oxo-bridged complex: spectroscopic, magnetic and electrical properties. New Journal of Chemistry, 2021, 45, 6336-6343.	1.4	3
3	Structural diversity in the coordination compounds of cobalt, nickel and copper with N-alkylglycinates: crystallographic and ESR study in the solid state. RSC Advances, 2021, 11, 23779-23790.	1.7	2
4	Copper(II) salicylideneimine complexes revisited: From a novel derivative and extended characterization of two homologues to interaction with BSA and antiproliferative activity. Inorganica Chimica Acta, 2021, 525, 120460.	1.2	5
5	Coordination polymers of paramagnetic bis(leucinato)copper(II) diastereomers: experimental and computational study of the stereoisomerism and conformations. CrystEngComm, 2020, 22, 5587-5600.	1.3	3
6	Tunable Fulleretic Sodalite MOFs: Highly Efficient and Controllable Entrapment of C ₆₀ Fullerene via Mechanochemistry. Chemistry of Materials, 2020, 32, 10628-10640.	3.2	27
7	Structural Variety of Isopropyl-bis(2-picolyl)amine Complexes with Zinc(II) and Copper(II). Crystal Growth and Design, 2020, 20, 2440-2453.	1.4	16
8	Synthon Robustness and Structural Modularity of Copper(II) Two-Dimensional Coordination Polymers with Isomeric Amino Acids and 4,4'-Bipyridine. Crystal Growth and Design, 2020, 20, 2415-2423.	1.4	6
9	Impact of dehydration and mechanical amorphization on the magnetic properties of Ni-MOF-74. Journal of Materials Chemistry C, 2020, 8, 7132-7142.	2.7	21
10	Cobalt, nickel and copper complexes with glycineamide: structural insights and magnetic properties. RSC Advances, 2019, 9, 21637-21645.	1.7	5
11	Hydrothermal Reactions of [Co(III)(C ₂ O ₄) ₂ (NH ₃) ₄] ⁺ and Polyoxomolybdates: Depolymerization of Polyoxomolybdates and in Situ Reduction of Cobalt. Crystal Growth and Design, 2019, 19, 6763-6773.	1.4	6
12	Type of complex "BSA binding forces affected by different coordination modes of alliin in novel water-soluble ruthenium complexes. New Journal of Chemistry, 2019, 43, 5791-5804.	1.4	16
13	Controlling the Polymorphism and Topology Transformation in Porphyrinic Zirconium Metal-Organic Frameworks via Mechanochemistry. Journal of the American Chemical Society, 2019, 141, 19214-19220.	6.6	73
14	Interactions in copper(II), nickel(II) and cobalt(II) complexes with N-methyl-, N-ethyl- and N-propylglycine: monomers, dimers and polymers. Acta Crystallographica Section A: Foundations and Advances, 2019, 75, e596-e596.	0.0	2
15	Mononuclear cobalt, nickel and copper complexes with glycineamide: structural properties and biological activity. Acta Crystallographica Section A: Foundations and Advances, 2019, 75, e557-e557.	0.0	1
16	Coordination polymers and solvatomorphs " copper complexes with amino acids and 2,2'-bipyridine. Acta Crystallographica Section A: Foundations and Advances, 2019, 75, e530-e530.	0.0	1
17	Magneto-structural correlations in oxalate-bridged Sr(II)Cr(III) coordination polymers: structure, magnetization, X-band, and high-field ESR studies. Dalton Transactions, 2018, 47, 3992-4000.	1.6	11
18	Disorder at the Chiral C ₁ Center and Room-Temperature Solid-State cis-trans Isomerization; Synthesis and Structural Characterization of Copper(II) Complexes with d-allo-, l-, and l-isoleucine. Crystal Growth and Design, 2018, 18, 5138-5154.	1.4	8

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19	1D and 2D porosity in monomeric copper(II) complexes with 1-piperidineacetic acid and 1-piperidineacetamide. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2018, 74, e394-e394.	0.0	1
20	Synthesis, structure and chemical properties of copper(II) complexes with 2,2'-bipyridine and L-serine: porous materials and polymorphism. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2018, 74, e338-e338.	0.0	1
21	3D oxalate-based coordination polymers: Relationship between structure, magnetism and color, studied by high-field ESR spectroscopy. <i>Polyhedron</i> , 2017, 126, 120-126.	1.0	6
22	Magnetostructural Characterization of Oxalate-Bridged Copper Dimers: Intra- and Inter-dimer Interactions Studied by Single-Crystal Electron Spin Resonance Spectroscopy. <i>ChemPhysChem</i> , 2017, 18, 2397-2408.	1.0	6
23	In Situ Monitoring of the Mechanochemical Synthesis of the Archetypal Metal-Organic Framework HKUST-1: Effect of Liquid Additives on the Milling Reactivity. <i>Inorganic Chemistry</i> , 2017, 56, 6599-6608.	1.9	98
24	Multifunctionality and size of the chloranilate ligand define the topology of transition metal coordination polymers. <i>New Journal of Chemistry</i> , 2017, 41, 6785-6794.	1.4	25
25	Synthesis and Crystal Structure of Solvated Complexes of Copper(II) with Serine and Phenanthroline and Their Solid-State-to-Solid-State Transformation into One Stable Solvate. <i>Crystal Growth and Design</i> , 2017, 17, 6049-6061.	1.4	10
26	Solvent-free copper-catalyzed click chemistry for the synthesis of <i>N</i> -heterocyclic hybrids based on quinoline and 1,2,3-triazole. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 2352-2363.	1.3	40
27	From mononuclear to linear one-dimensional coordination species of copper(II)-chloranilate: design and characterization. <i>RSC Advances</i> , 2016, 6, 62785-62796.	1.7	20
28	Synthesis, crystal structures and magnetic properties of the oxalate-bridged single CuII and co-crystallized CuII/ZnII systems. Three species (CuCu, CuZn, ZnZn) in the crystalline lattice. <i>Polyhedron</i> , 2015, 98, 26-34.	1.0	8
29	of magnetically ordered state and spin reorientation in the quasi-one-dimensional antiferromagnet CuSb_2O_7 . <i>Physical Review B</i> , 2015, 91, .		
30	Magnetic Anisotropy of Cr(III) Ions in Polymeric Oxalate Complexes as Revealed by HF-ESR Spectroscopy. <i>Applied Magnetic Resonance</i> , 2015, 46, 309-321.	0.6	11
31	Magnetic order in a novel 3D oxalate-based coordination polymer $[\text{Cu}(\text{bpy})_3][\text{Mn}_2(\text{C}_2\text{O}_4)_3] \cdot 2\text{H}_2\text{O}$. <i>Dalton Transactions</i> , 2015, 44, 20626-20635.		
32	Magnetic anisotropy of the spin tetramer system SeCuO_3 by torque magnetometry and ESR spectroscopy. <i>Physical Review B</i> , 2014, 89, .		
33	Crystal structures and magnetic properties of a set of dihalo-bridged oxalamidato copper(II) dimers. <i>Dalton Transactions</i> , 2014, 43, 11877.	1.6	28
34	1D Heterometallic Oxalate Compounds as Precursors for Mixed Ca-Cr Oxides - Synthesis, Structures, and Magnetic Studies. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 5703-5713.	1.0	20
35	Stabilisation of tetrabromo- and tetrachlorosemiquinone (bromanil and chloranil) anion radicals in crystals. <i>CrystEngComm</i> , 2011, 13, 5170.	1.3	30
36	Study of the local field distribution on a single-molecule magnet by a single paramagnetic crystal: A DPPH crystal on the surface of an Mn ₁₂ -acetate crystal. <i>Journal of Applied Physics</i> , 2011, 110, 093909.	1.1	2

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37	Single crystals of DPPH grown from diethyl ether and carbon disulfide solutions – Crystal structures, IR, EPR and magnetization studies. <i>Journal of Magnetic Resonance</i> , 2010, 207, 34-41.	1.2	28
38	New mononuclear oxalate complexes of copper(II) with 2D and 3D architectures: Synthesis, crystal structures and spectroscopic characterization. <i>Polyhedron</i> , 2010, 29, 1291-1298.	1.0	19
39	A new heterometallic (Ni ²⁺ and Cr ³⁺) complex – Crystal structure and spectroscopic characterization. <i>Journal of Molecular Structure</i> , 2009, 924-926, 73-80.	1.8	7
40	EPR and magnetization studies on single crystals of a heterometallic (CuII and CrIII) complex: Zero-field splitting determination. <i>Solid State Sciences</i> , 2008, 10, 1387-1394.	1.5	12
41	Low-field EPR studies of levels near the top of the barrier in Mn ¹² -acetate reveal a new magnetization relaxation pathway. <i>Solid State Communications</i> , 2006, 139, 51-56.	0.9	3
42	Spin-echo EPR spin-probe measurement of the microsecond-range magnetic field fluctuations near the surface of crystals of the nanomagnet Mn ¹² -Ac. <i>Solid State Communications</i> , 2005, 136, 518-522.	0.9	1
43	An EPR method for probing surface magnetic fields, dipolar distances, and magnetization fluctuations in single molecule magnets. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 1241-1245.	2.0	5
44	Probing magnetic fields on crystals of the nanomagnet Mn ¹² -acetate by electron paramagnetic resonance. <i>Journal of Magnetic Resonance</i> , 2003, 165, 260-264.	1.2	5