

# Dijana Å<sup>1</sup>/<sub>2</sub>iliÄ

## List of Publications by Year in descending order

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44  
papers

630  
citations

623574

14  
h-index

610775

24  
g-index

45  
all docs

45  
docs citations

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times ranked

1000  
citing authors

#	ARTICLE	IF	CITATIONS
1	In Situ Monitoring of the Mechanochemistry 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
2	Controlling the Polymorphism and Topology Transformation in Porphyrinic Zirconium Metal-Organic Frameworks via Mechanochemistry. <i>Journal of the American Chemical Society</i> , 2019, 141, 19214-19220.	6.6	73
3	Solvent-free copper-catalyzed click chemistry for the synthesis of N-heterocyclic hybrids based on quinoline and 1,2,3-triazole. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 2352-2363.	1.3	40
4	Stabilisation of tetrabromo- and tetrachlorosemiquinone (bromanil and chloranil) anion radicals in crystals. <i>CrystEngComm</i> , 2011, 13, 5170.	1.3	30
5	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
6	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
7	Tunable Fullerene Sodalite MOFs: Highly Efficient and Controllable Entrapment of C <sub>60</sub> Fullerene via Mechanochemistry. <i>Chemistry of Materials</i> , 2020, 32, 10628-10640.	3.2	27
8	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
9	Magnetic order in a novel 3D oxalate-based coordination polymer $\{[\text{Cu}(\text{bpy})_3][\text{Mn}_2(\text{C}_2\text{O}_4)_3] \cdot 2\text{H}_2\text{O}\}_n$ . <i>Dalton Transactions</i> , 2015, 44, 20626-20635.		
10	Impact of dehydration and mechanical amorphization on the magnetic properties of Ni-MOF-74. <i>Journal of Materials Chemistry C</i> , 2020, 8, 7132-7142.	2.7	21
11	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
12	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
13	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
14	Type of complex – BSA binding forces affected by different coordination modes of alliin in novel water-soluble ruthenium complexes. <i>New Journal of Chemistry</i> , 2019, 43, 5791-5804.	1.4	16
15	Structural Variety of Isopropyl-bis(2-picoyl)amine Complexes with Zinc(II) and Copper(II). <i>Crystal Growth and Design</i> , 2020, 20, 2440-2453.	1.4	16
16	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
17	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
18	Magneto-structural correlations in oxalate-bridged SrCr coordination polymers: structure, magnetization, X-band, and high-field ESR studies. <i>Dalton Transactions</i> , 2018, 47, 3992-4000.	1.6	11

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19	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
20	Synthesis, crystal structures and magnetic properties of the oxalate-bridged single CuII and cocrystallized CuIIZnII systems. Three species (CuCu, CuZn, ZnZn) in the crystalline lattice. <i>Polyhedron</i> , 2015, 98, 26-34.	1.0	8
21	Disorder at the Chiral C <sup>±</sup> Center and Room-Temperature Solid-State cis-trans Isomerization; Synthesis and Structural Characterization of Copper(II) Complexes with d-allo-Isoleucine. <i>Crystal Growth and Design</i> , 2018, 18, 5138-5154.	1.4	8
22	A new heterometallic (Ni <sup>2+</sup> and Cr <sup>3+</sup> ) complex – Crystal structure and spectroscopic characterization. <i>Journal of Molecular Structure</i> , 2009, 924-926, 73-80.	1.8	7
23	Magnetic anisotropy of the spin tetramer system $\text{SeCuO}_3$ by torque magnetometry and ESR spectroscopy. <i>Physical Review B</i> , 2014, 89.		
24	Torque magnetometry study of magnetically ordered state and spin reorientation in the quasi-one-dimensional antiferromagnet $\text{CuSb}_2$ . <i>Physical Review B</i> , 2015, 91, .	1.1	7
25	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
26	Magnetostructural Characterization of Oxalamide Dihalo-Bridged Copper Dimers: Intra- and Interdimer Interactions Studied by Single-Crystal Electron Spin Resonance Spectroscopy. <i>ChemPhysChem</i> , 2017, 18, 2397-2408.	1.0	6
27	Hydrothermal Reactions of $[\text{Co}^{\text{III}}(\text{C}_2\text{O}_4)_4(\text{NH}_3)_3]^{4+}$ and Polyoxomolybdates: Depolymerization of Polyoxomolybdates and in Situ Reduction of Cobalt. <i>Crystal Growth and Design</i> , 2019, 19, 6763-6773.	1.4	6
28	Synthon Robustness and Structural Modularity of Copper(II) Two-Dimensional Coordination Polymers with Isomeric Amino Acids and 4,4'-Bipyridine. <i>Crystal Growth and Design</i> , 2020, 20, 2415-2423.	1.4	6
29	Probing magnetic fields on crystals of the nanomagnet Mn <sub>12</sub> -acetate by electron paramagnetic resonance. <i>Journal of Magnetic Resonance</i> , 2003, 165, 260-264.	1.2	5
30	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
31	Cobalt, nickel and copper complexes with glycylamide: structural insights and magnetic properties. <i>RSC Advances</i> , 2019, 9, 21637-21645.	1.7	5
32	Copper(II) salicylideneimine complexes revisited: From a novel derivative and extended characterization of two homologues to interaction with BSA and antiproliferative activity. <i>Inorganica Chimica Acta</i> , 2021, 525, 120460.	1.2	5
33	Low-field EPR studies of levels near the top of the barrier in Mn <sub>12</sub> -acetate reveal a new magnetization relaxation pathway. <i>Solid State Communications</i> , 2006, 139, 51-56.	0.9	3
34	Coordination polymers of paramagnetic bis(leucinato)copper(II) diastereomers: experimental and computational study of the stereoisomerism and conformations. <i>CrystEngComm</i> , 2020, 22, 5587-5600.	1.3	3
35	Targeted synthesis of a Cr <sup>III</sup> -V <sup>V</sup> core oxo-bridged complex: spectroscopic, magnetic and electrical properties. <i>New Journal of Chemistry</i> , 2021, 45, 6336-6343.	1.4	3
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 <sub>12</sub> -acetate crystal. <i>Journal of Applied Physics</i> , 2011, 110, 093909.	1.1	2

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37	Structural diversity in the coordination compounds of cobalt, nickel and copper with <i>N</i> -alkylglycinates: crystallographic and ESR study in the solid state. <i>RSC Advances</i> , 2021, 11, 23779-23790.	1.7	2
38	Interactions in copper(II), nickel(II) and cobalt(II) complexes with <i>N</i> -methyl-, <i>N</i> -ethyl- and <i>N</i> -propylglycine: monomers, dimers and polymers. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2019, 75, e596-e596.	0.0	2
39	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. <i>Dalton Transactions</i> , 2022, 51, 2338-2345.	1.6	2
40	Spin-echo EPR spin-probe measurement of the microsecond-range magnetic field fluctuations near the surface of crystals of the nanomagnet Mn <sub>12</sub> Ac. <i>Solid State Communications</i> , 2005, 136, 518-522.	0.9	1
41	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
42	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
43	Mononuclear cobalt, nickel and copper complexes with glycineamide: structural properties and biological activity. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2019, 75, e557-e557.	0.0	1
44	Coordination polymers and solvatomorphs of copper complexes with amino acids and 2,2'-bipyridine. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2019, 75, e530-e530.	0.0	1