

# Yan-Ling Zhou

## List of Publications by Year in descending order

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18  
papers

620  
citations

1040018

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h-index

888047

17  
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all docs

18  
docs citations

18  
times ranked

962  
citing authors

#	ARTICLE	IF	CITATIONS
1	The concept of mixed organic ligands in metal-organic frameworks: design, tuning and functions. Dalton Transactions, 2015, 44, 5258-5275.	3.3	225
2	Traditional and Microwave-Assisted Solvothermal Synthesis and Surface Modification of Co <sub>7</sub> Brucite Disk Clusters and Their Magnetic Properties. Chemistry of Materials, 2010, 22, 4295-4303.	6.7	107
3	Mn(II)-Based Porous Metal-Organic Framework Showing Metamagnetic Properties and High Hydrogen Adsorption at Low Pressure. Inorganic Chemistry, 2012, 51, 674-679.	4.0	79
4	Magneto-Structural Correlation in a Metamagnetic Cobalt(II)-Based Pillared Trilayer Motif Constructed by Mixed Pyridyl-Type Carboxylate Ligands. Inorganic Chemistry, 2009, 48, 10146-10150.	4.0	52
5	High Electromagnetic Interference Shielding Effectiveness of Carbon Nanotube-Cellulose Composite Films with Layered Structures. Macromolecular Materials and Engineering, 2018, 303, 1800377.	3.6	34
6	Exploring the Effect of Metal Ions and Counteranions on the Structure and Magnetic Properties of Five Dodecanuclear Co <sup>II</sup> and Ni <sup>II</sup> Clusters. Chemistry - A European Journal, 2011, 17, 14084-14093.	3.3	33
7	A porous Ca-MOF with nano-sized {Ca 11} as building unit: Structure, drug loading and release properties. Inorganic Chemistry Communication, 2017, 78, 43-47.	3.9	21
8	Study on the substitution effects of zinc benzoate terpyridine complexes on photoluminescence, antiproliferative potential and DNA binding properties. Journal of Biological Inorganic Chemistry, 2020, 25, 311-324.	2.6	17
9	Highly efficient degradation of high-loaded phenol over Ru-Cu/Al <sub>2</sub> O <sub>3</sub> catalyst at mild conditions. RSC Advances, 2017, 7, 21507-21517.	3.6	12
10	Synthesis, structures and magnetic properties of chiral 3d-3d <sup>2</sup> -4f heterotrimetallic complexes based on [(Tp*)Fe(CN) <sub>3</sub> ] <sup>+</sup> . New Journal of Chemistry, 2017, 41, 5988-5994.	2.8	9
11	Study on the Photoluminescent and Thermal Properties of Zinc Complexes with a N6O4 Macrocyclic Ligand. Molecules, 2018, 23, 1735.	3.8	8
12	Synthesis, structural characterization and antiproliferative potential of copper 4-phenyl-terpyridine complexes constructed from building block reaction. Polyhedron, 2020, 182, 114465.	2.2	7
13	Synthesis, structures and magnetism of heterotrimetallic Ni-Cu-Ln complexes based on a dicompartmental imine-oxime ligand. New Journal of Chemistry, 2017, 41, 11097-11103.	2.8	6
14	Synthesis of organobentonite-supported Pd composite catalyst used for the catalytic transfer hydrogenation of polyunsaturated fatty acid methyl ester. Journal of Materials Science, 2022, 57, 5964-5986.	3.7	4
15	Cobalt(II)/manganese(II)-based molecular metamagnets. Science China Chemistry, 2012, 55, 893-905.	8.2	3
16	Crystal structure, solvothermal synthesis, thermogravimetric studies and DFT calculations of a five-coordinate cobalt(II) compound based on the N,N-bis(2-hydroxyethyl)glycine anion. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 1463-1467.	0.5	2
17	Crystal structure of 1-methyl-3-[2,2,2-trifluoro-1-(1-methyl-1 <i>H</i> -indol-3-yl)-1-phenylethyl]-1 <i>H</i> -indole. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o1156-o1156.	0.2	1
18	Exploring the influence of counter anions on the structure and magnetic properties of two classical Ni <sub>7</sub> disk-like clusters. Polyhedron, 2021, 210, 115483.	2.2	0