Xiao-Qiang Yao

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5054841/publications.pdf

Version: 2024-02-01

32 papers	831 citations	623734 14 h-index	477307 29 g-index
32 all docs	32 docs citations	32 times ranked	999 citing authors

#	Article	IF	Citations
1	Chiral and Porous Coordination Polymers Based on an N-Centered Triangular Rigid Ligand. Crystal Growth and Design, 2011, 11, 231-239.	3.0	101
2	Effect of N-Donor Ligands and Metal Ions on the Coordination Polymers Based on a Semirigid Carboxylic Acid Ligand: Structures Analysis, Magnetic Properties, and Photoluminescence. Crystal Growth and Design, 2016, 16, 2062-2073.	3.0	80
3	Syntheses, Structures, and Characteristics of Four New Metalâ€“Organic Frameworks Based on Flexible Tetrapyridines and Aromatic Polycarboxylate Acids. Crystal Growth and Design, 2012, 12, 3426-3435.	3.0	74
4	The rational synthesis of (10,3)-type MOFs based on tetranuclear [W(Mo)OS3Cu3]+ secondary building units. Chemical Communications, 2011, 47, 10049.	4.1	67
5	Six Ln (III) Coordination Polymers with a Semirigid Tetracarboxylic Acid Ligand: Bifunctional Luminescence Sensing, NIR-Luminescent Emission, and Magnetic Properties. Crystal Growth and Design, 2018, 18, 2112-2120.	3.0	57
6	Diverse Structures of Metalâ€“Organic Frameworks Based on a New Star-Like Tri(4-pyridylphenyl)amine Ligand. Crystal Growth and Design, 2012, 12, 3957-3963.	3.0	54
7	Two triphenylamine-based luminescent metalâ€“organic frameworks as a dual-functional sensor for the detection of nitroaromatic compounds and ofloxacin antibiotic. CrystEngComm, 2019, 21, 2559-2570.	2.6	53
8	Syntheses, structures, photoluminescence and magnetic properties of four new metalâ€“organic frameworks based on imidazoleligands and aromatic polycarboxylate acids. CrystEngComm, 2011, 13, 857-865.	2.6	48
9	Phosphorusâ€doped Isotype gâ€C₃N₄/gâ€C₃N₄: An Efficient Charge Transfer System for Photoelectrochemical Water Oxidation. ChemCatChem, 2019, 11, 729-736.	3.7	42
10	Syntheses, structures, magnetic and photoluminescence properties of metalâ€“organic frameworks based on aromatic polycarboxylate acids. CrystEngComm, 2011, 13, 1617-1624.	2.6	35
11	Dinuclear cobalt-based pillar-layered-like MOF as an electrode material for supercapacitor and photocatalysis activity. Polyhedron, 2019, 162, 39-44.	2.2	31
12	Highâ€Performance Photoelectrochemical Water Oxidation with Phosphorusâ€Doped and Metal Phosphide Cocatalystâ€Modified gâ€C₃N₄ Formation Through Gas Treatment. ChemSusChem, 2019, 12, 898-907.	6.8	29
13	Two new complexes constructed by semirigid carboxylic acid ligand: Synthesis, crystal structures, absorption of organic dye and photoluminescence properties. Inorganica Chimica Acta, 2016, 453, 488-493.	2.4	21
14	Unusual three-dimensional coordination networks with [WS₄Cu₆] cluster nodes and Î±-C₃N₄topology. CrystEngComm, 2009, 11, 605-609.	2.6	19
15	The synthesis, structure and third-order nonlinear optical effect of a new 2D cluster polymer based on a [WS4Cu4]2+ SBU and 1,2-di(pyridin-4-yl)ethane. CrystEngComm, 2013, 15, 7354.	2.6	14
16	Brand new 1D branched CuO nanowire arrays for efficient photoelectrochemical water reduction. Dalton Transactions, 2018, 47, 14566-14572.	3.3	14
17	Application of Wâ€“Cuâ€“S-based secondary building units in functional metalâ€“organic frameworks. CrystEngComm, 2013, 15, 9265.	2.6	12
18	Four cobalt(<scp>ii</scp>) complexes based on a new tricarboxylate with a naphthalene ring and different N-containing ligands: synthesis, crystal structures and magnetic properties. New Journal of Chemistry, 2016, 40, 5010-5018.	2.8	11

#	Article	IF	Citations
19	Two Zn(II) coordination polymers constructed by a new tricarboxylate and different N-containing ligands: synthesis, crystal structures, and selective luminescence sensing for Fe³⁺ in aqueous solution. Journal of Coordination Chemistry, 2016, 69, 2545-2552.	2.2	9
20	A luminescent coordination polymer based on a Ï€-conjugated ligand: Syntheses, structure and luminescent property. Journal of Molecular Structure, 2017, 1134, 171-173.	3.6	9
21	A homochiral Cu(II) coordination polymer built from helical motif based on two V-shaped ligands. Inorganic Chemistry Communication, 2014, 45, 127-130.	3.9	8
22	Three isostructural coordination polymers and highly selective fluorescent probe for Ag+ in aqueous media. Inorganica Chimica Acta, 2017, 457, 41-45.	2.4	8
23	Antioxidant and antimicrobial properties of nickel(II), cobalt(III), and zinc(II) complexes of a Schiff base ligand. Transition Metal Chemistry, 2016, 41, 685-692.	1.4	7
24	Tubular morphology preservation and doping engineering of Sn/P-codoped hematite for photoelectrochemical water oxidation. Dalton Transactions, 2019, 48, 928-935.	3.3	7
25	Two isostructural cobalt(II) coordination polymers with both polyrotaxane and polycatenane features assembled with a V-shaped rigid ligand. Journal of Molecular Structure, 2015, 1089, 16-19.	3.6	5
26	Crystal structure, magnetism, and luminescent properties of two isostructural pcu MOFs based on a triangular ligand. Journal of Molecular Structure, 2018, 1159, 5-9.	3.6	5
27	Co(II) and Cd(II) metal-organic frameworks with a linear 1,4-di(1H-imidazol-1-yl) benzene and V-shaped polycarboxylate acid ligands: Synthesis, magnetic property and discriminating Fe3â€¯+â€¯ion in aqueous solution. Polyhedron, 2019, 159, 78-83.	2.2	5
28	Study on the Interactions of Ruthenium(III), Rhodium(III) and Palladium(II) Ions with DNA. Transition Metal Chemistry, 2006, 31, 616-620.	1.4	3
29	A multifunctional pseudo-polyrotaxane coordination polymer based on the trinuclear cluster [Co3(COOâ^')4(OHâ^')2]: Synthesis, structure and properties. Polyhedron, 2020, 186, 114611.	2.2	2
30	A cadmium(II) coordination polymer with both polyrotaxane and polycatenane features constructed by a V-shaped semi-rigid ligand: synthesis and fluorescence properties. Acta Crystallographica Section C, Structural Chemistry, 2017, 73, 541-545.	0.5	1
31	Synthesis, structure and magnetic property of a two-dimensional coordination polymer decorated with sine wave-like 1D double chain. Journal of Molecular Structure, 2018, 1157, 602-606.	3.6	0
32	A dinuclear cuprous chloride coordination polymer with grinding triggered luminescence enhancement and temperature dependent luminescent properties. Journal of Solid State Chemistry, 2022, 313, 123331.	2.9	0