Xiuling Zhang

List of Publications by Year
in descending order

37 papers	595 citations	566801 15 h-index	642321 23 g-index
37 all docs	37 docs citations	37 times ranked	492 citing authors

#	Article	IF	Citations
1	Metalâ€“organic frameworks for the energy-related conversion of CO₂into cyclic carbonates. Dalton Transactions, 2020, 49, 9935-9947.	1.6	65
2	Facile synthesis of ultrafine cobalt oxides embedded into N-doped carbon with superior activity in hydrogenation of 4-nitrophenol. Journal of Colloid and Interface Science, 2018, 512, 844-852.	5.0	58
3	A hydrothermally stable Zn(<scp>ii</scp>)-based metalâ€“organic framework: structural modulation and gas adsorption. Dalton Transactions, 2015, 44, 15697-15702.	1.6	49
4	Nanocage-Based Porous Metalâ€“Organic Frameworks Constructed from Icosahedrons and Tetrahedrons for Selective Gas Adsorption. ACS Applied Materials & Interfaces, 2019, 11, 20104-20109.	4.0	35
5	Two isostructural Ni(II)/Co(II)-based metal-organic frameworks for selective dye adsorption and catalytic cycloaddition of CO2 with epoxides. Chinese Chemical Letters, 2021, 32, 557-560.	4.8	26
6	Anion-templated assembly of three metal-organic frameworks with diverse structures for highly selective detection of Cr2O72â^' and Fe3+ in aqueous solution. Journal of Solid State Chemistry, 2019, 274, 92-99.	1.4	25
7	Synthesis, crystal structures and photoluminescence of three new Mn(II) coordination polymers assembled from 2,4â€²-diphenic acid. Journal of Coordination Chemistry, 2010, 63, 1304-1312.	0.8	24
8	Rational design of CuO/SiO2 nanocatalyst with anchor structure and hydrophilic surface for efficient hydrogenation of nitrophenol. Journal of Solid State Chemistry, 2021, 296, 121960.	1.4	24
9	Assembly of Two Self-Interpenetrating Metalâ€“Organic Frameworks Based on a Trigonal Ligand: Syntheses, Crystal Structures, and Properties. Inorganic Chemistry, 2020, 59, 7135-7142.	1.9	23
10	Structure modulation from unstable to stable MOFs by regulating secondary N-donor ligands. Dalton Transactions, 2018, 47, 14025-14032.	1.6	19
11	A multifunctional anionic 3D Cd(II)-MOF derived from 2D layers catenation: Organic dyes adsorption, cycloaddition of CO2 with epoxides and luminescence. Inorganic Chemistry Communication, 2019, 101, 184-187.	1.8	18
12	Metallic Ni nanoparticles embedded in hierarchical mesoporous Ni(OH)2: A robust and magnetic recyclable catalyst for hydrogenation of 4-nitrophenol under mild conditions. Polyhedron, 2019, 164, 7-12.	1.0	18
13	Pillar-Layered Metalâ€“Organic Frameworks Based on a Hexaprismane [Co6(Î¼3-OH)6] Cluster: Structural Modulation and Catalytic Performance in Aerobic Oxidation Reaction. Inorganic Chemistry, 2020, 59, 11728-11735.	1.9	17
14	Combining unsaturated metal sites and narrow pores within a Co(<scp>ii</scp>)-based MOF towards CO₂ separation and transformation. Dalton Transactions, 2020, 49, 2058-2062.	1.6	17
15	Construction of Cu-based MOFs with enhanced hydrogenation performance by integrating open electropositive metal sites. CrystEngComm, 2019, 21, 5382-5386.	1.3	16
16	Co₇-Cluster-Based Metalâ€“Organic Frameworks with Mixed Carboxylate and Pyrazolate Ligands: Construction and CO₂ Adsorption and Fixation. Crystal Growth and Design, 2020, 20, 7972-7978.	1.4	16
17	Agaric-like cobalt diselenide supported by carbon nanofiber as an efficient catalyst for hydrogen evolution reaction. Journal of Colloid and Interface Science, 2022, 610, 854-862.	5.0	15
18	Two Co(II) complexes based on 6-(3-pyridyl)isophthalic acid ligand: Structures, stability and catalytic applications. Polyhedron, 2018, 146, 12-18.	1.0	14

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19	Redox property switching in MOFs with open metal sites for improved catalytic hydrogenation performance. Journal of Alloys and Compounds, 2021, 888, 161494.	2.8	13
20	Controllable assembly of three copper-organic frameworks: Structure transformation and gas adsorption properties. Polyhedron, 2017, 126, 83-91.	1.0	11
21	Facile synthesis of holey lamellar CuO via ultrasonic chemical etching toward highly efficient hydrogenation of 4-nitrophenol under mild conditions. Journal of Solid State Chemistry, 2020, 292, 121698.	1.4	11
22	Interpenetrated metalâ€“organic frameworks with enhanced photoluminescence for selective recognition of m-xylene from xylene isomers. Dalton Transactions, 2022, 51, 4790-4797.	1.6	11
23	Syntheses, crystal structures, and photoluminescence of two new coordination polymers derived from dicarboxylate and N-donor ligands. Journal of Coordination Chemistry, 2012, 65, 3019-3027.	0.8	10
24	Two PbII-based coordination polymers based on 5-aminonicotinic acid and 5-hydroxynicotinic acid for Knoevenagel condensation reaction and luminescent sensor. Journal of Solid State Chemistry, 2019, 278, 120927.	1.4	10
25	Syntheses and Characterizations of Two One-Dimensional Coordination Polymers Assembled by Dicarboxylate and N-Donor Coligands. Journal of Inorganic and Organometallic Polymers and Materials, 2011, 21, 498-503.	1.9	8
26	Design and Construction of a Porous Heterometallic Organic Framework Based on Cu₆I₆ Clusters and One-Dimensional Tb^{III} Chains: Syntheses, Crystal Structure, and Various Properties. Crystal Growth and Design, 2020, 20, 4135-4143.	1.4	8
27	Three Mn(II) complexes based on 6-(3-pyridyl)isophthalic acid ligand: Structure modulation, stability and magnetic properties. Polyhedron, 2017, 129, 149-156.	1.0	6
28	Construction of novel cluster-based MOF as multifunctional platform for CO2 catalytic transformation and dye selective adsorption. Chinese Chemical Letters, 2023, 34, 107368.	4.8	6
29	Coordination-driven assembly of a 3dâ€“4f heterometallic organic framework with 1D Cu₄I₄ and Eu-based chains: syntheses, structures and various properties. Dalton Transactions, 2020, 49, 11209-11216.	1.6	4
30	Construction of Co/Ni-based coordination polymers with three-dimensional isostructural frameworks and multiple catalytic applications. Journal of Solid State Chemistry, 2021, 296, 121979.	1.4	4
31	Constructing [Co6(Î¼3-OH)6]-based pillar-layered MOF with open metal sites via steric-hindrance effect on ligand for CO2 adsorption and fixation. Inorganic Chemistry Communication, 2022, 139, 109347.	1.8	4
32	A cobalt(II) coordination polymer based on a carboxyl- triazolyl-bifunctional ligand: Synthesis, characterization and catalytic reduction of 4-nitrophenol. Inorganic Chemistry Communication, 2020, 119, 108075.	1.8	3
33	Structure modulation, selective dye adsorption and catalytic CO2 transformation of four pillared-layer metal-organic frameworks. Journal of Solid State Chemistry, 2022, 309, 122964.	1.4	3
34	Syntheses, crystal structures, and photoluminescence of two Cd(II) complexes with simple ligands. Journal of Coordination Chemistry, 2014, 67, 545-554.	0.8	2
35	Syntheses, Crystal Structure, and Luminescence Properties of Three Metalâ€“Organic Compounds Bearing Diverse Dimensionalities Based on Mixed N- and O-Donor Organic Ligands. Journal of Inorganic and Organometallic Polymers and Materials, 2015, 25, 635-644.	1.9	2
36	Preparation, Crystal Structures and Photoluminescence of Two New Zinc Complexes Based on 1H-Imidazo[4,5-f][1,10]-phenanthroline and Auxiliary Ligands. Journal of Inorganic and Organometallic Polymers and Materials, 2012, 22, 1413-1418.	1.9	0

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37	Double-layer structure, sorption and magnetism properties of metalâ€“organic frameworks with trigonal planar ligand. Inorganic Chemistry Communication, 2015, 55, 65-68.	1.8	0