

Xiuling Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9478523/publications.pdf>

Version: 2024-02-01

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	Construction of novel cluster-based MOF as multifunctional platform for CO ₂ catalytic transformation and dye selective adsorption. Chinese Chemical Letters, 2023, 34, 107368.	4.8	6
2	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
3	Interpenetrated metal-organic frameworks with enhanced photoluminescence for selective recognition of <i>m</i> -xylene from xylene isomers. Dalton Transactions, 2022, 51, 4790-4797.	1.6	11
4	Structure modulation, selective dye adsorption and catalytic CO ₂ transformation of four pillared-layer metal-organic frameworks. Journal of Solid State Chemistry, 2022, 309, 122964.	1.4	3
5	Constructing [Co ₆ ($\frac{1}{4}$ 3-OH) ₆]-based pillar-layered MOF with open metal sites via steric-hindrance effect on ligand for CO ₂ adsorption and fixation. Inorganic Chemistry Communication, 2022, 139, 109347.	1.8	4
6	Two isostructural Ni(II)/Co(II)-based metal-organic frameworks for selective dye adsorption and catalytic cycloaddition of CO ₂ with epoxides. Chinese Chemical Letters, 2021, 32, 557-560.	4.8	26
7	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
8	Rational design of CuO/SiO ₂ nanocatalyst with anchor structure and hydrophilic surface for efficient hydrogenation of nitrophenol. Journal of Solid State Chemistry, 2021, 296, 121960.	1.4	24
9	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
10	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
11	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
12	Coordination-driven assembly of a 3d-4f heterometallic organic framework with 1D Cu ₄ and Eu-based chains: syntheses, structures and various properties. Dalton Transactions, 2020, 49, 11209-11216.	1.6	4
13	Co ₇ -Cluster-Based Metal-Organic Frameworks with Mixed Carboxylate and Pyrazolate Ligands: Construction and CO ₂ Adsorption and Fixation. Crystal Growth and Design, 2020, 20, 7972-7978.	1.4	16
14	Pillar-Layered Metal-Organic Frameworks Based on a Hexaprismane [Co ₆ ($\frac{1}{4}$ 3-OH) ₆] Cluster: Structural Modulation and Catalytic Performance in Aerobic Oxidation Reaction. Inorganic Chemistry, 2020, 59, 11728-11735.	1.9	17
15	Design and Construction of a Porous Heterometallic Organic Framework Based on Cu ₆ Clusters and One-Dimensional Tb ^{III} Chains: Syntheses, Crystal Structure, and Various Properties. Crystal Growth and Design, 2020, 20, 4135-4143.	1.4	8
16	Assembly of Two Self-Interpenetrating Metal-Organic Frameworks Based on a Trigonal Ligand: Syntheses, Crystal Structures, and Properties. Inorganic Chemistry, 2020, 59, 7135-7142.	1.9	23
17	Metal-organic frameworks for the energy-related conversion of CO ₂ into cyclic carbonates. Dalton Transactions, 2020, 49, 9935-9947.	1.6	65
18	Combining unsaturated metal sites and narrow pores within a Co(II)-based MOF towards CO ₂ separation and transformation. Dalton Transactions, 2020, 49, 2058-2062.	1.6	17

#	ARTICLE	IF	CITATIONS
19	Construction of Cu-based MOFs with enhanced hydrogenation performance by integrating open electropositive metal sites. <i>CrystEngComm</i> , 2019, 21, 5382-5386.	1.3	16
20	Two Pb(II)-based coordination polymers based on 5-aminonicotinic acid and 5-hydroxynicotinic acid for Knoevenagel condensation reaction and luminescent sensor. <i>Journal of Solid State Chemistry</i> , 2019, 278, 120927.	1.4	10
21	A multifunctional anionic 3D Cd(II)-MOF derived from 2D layers catenation: Organic dyes adsorption, cycloaddition of CO ₂ with epoxides and luminescence. <i>Inorganic Chemistry Communication</i> , 2019, 101, 184-187.	1.8	18
22	Nanocage-Based Porous Metal-Organic Frameworks Constructed from Icosahedrons and Tetrahedrons for Selective Gas Adsorption. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 20104-20109.	4.0	35
23	Anion-templated assembly of three metal-organic frameworks with diverse structures for highly selective detection of Cr ²⁺ and Fe ³⁺ in aqueous solution. <i>Journal of Solid State Chemistry</i> , 2019, 274, 92-99.	1.4	25
24	Metallic Ni nanoparticles embedded in hierarchical mesoporous Ni(OH) ₂ : A robust and magnetic recyclable catalyst for hydrogenation of 4-nitrophenol under mild conditions. <i>Polyhedron</i> , 2019, 164, 7-12.	1.0	18
25	Two Co(II) complexes based on 6-(3-pyridyl)isophthalic acid ligand: Structures, stability and catalytic applications. <i>Polyhedron</i> , 2018, 146, 12-18.	1.0	14
26	Facile synthesis of ultrafine cobalt oxides embedded into N-doped carbon with superior activity in hydrogenation of 4-nitrophenol. <i>Journal of Colloid and Interface Science</i> , 2018, 512, 844-852.	5.0	58
27	Structure modulation from unstable to stable MOFs by regulating secondary N-donor ligands. <i>Dalton Transactions</i> , 2018, 47, 14025-14032.	1.6	19
28	Controllable assembly of three copper-organic frameworks: Structure transformation and gas adsorption properties. <i>Polyhedron</i> , 2017, 126, 83-91.	1.0	11
29	Three Mn(II) complexes based on 6-(3-pyridyl)isophthalic acid ligand: Structure modulation, stability and magnetic properties. <i>Polyhedron</i> , 2017, 129, 149-156.	1.0	6
30	Syntheses, Crystal Structure, and Luminescence Properties of Three Metal-Organic Compounds Bearing Diverse Dimensionalities Based on Mixed N- and O-Donor Organic Ligands. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2015, 25, 635-644.	1.9	2
31	A hydrothermally stable Zn-based metal-organic framework: structural modulation and gas adsorption. <i>Dalton Transactions</i> , 2015, 44, 15697-15702.	1.6	49
32	Double-layer structure, sorption and magnetism properties of metal-organic frameworks with trigonal planar ligand. <i>Inorganic Chemistry Communication</i> , 2015, 55, 65-68.	1.8	0
33	Syntheses, crystal structures, and photoluminescence of two Cd(II) complexes with simple ligands. <i>Journal of Coordination Chemistry</i> , 2014, 67, 545-554.	0.8	2
34	Preparation, Crystal Structures and Photoluminescence of Two New Zinc Complexes Based on 1H-Imidazo[4,5-f][1,10]-phenanthroline and Auxiliary Ligands. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2012, 22, 1413-1418.	1.9	0
35	Syntheses, crystal structures, and photoluminescence of two new coordination polymers derived from dicarboxylate and N-donor ligands. <i>Journal of Coordination Chemistry</i> , 2012, 65, 3019-3027.	0.8	10
36	Syntheses and Characterizations of Two One-Dimensional Coordination Polymers Assembled by Dicarboxylate and N-Donor Coligands. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2011, 21, 498-503.	1.9	8

#	ARTICLE	IF	CITATIONS
37	Synthesis, crystal structures and photoluminescence of three new Mn(II) coordination polymers assembled from 2,4-diphenic acid. Journal of Coordination Chemistry, 2010, 63, 1304-1312.	0.8	24