

# Da-Shuai Zhang

## List of Publications by Year in descending order

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516710

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1501  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interpenetrated metal-organic frameworks with enhanced photoluminescence for selective recognition of <i>m</i> -xylene from xylene isomers. Dalton Transactions, 2022, 51, 4790-4797.	3.3	11
2	Structure modulation, selective dye adsorption and catalytic CO <sub>2</sub> transformation of four pillared-layer metal-organic frameworks. Journal of Solid State Chemistry, 2022, 309, 122964.	2.9	3
3	Constructing [Co <sub>6</sub> (μ <sub>3</sub> -OH) <sub>6</sub> ]-based pillar-layered MOF with open metal sites via steric-hindrance effect on ligand for CO <sub>2</sub> adsorption and fixation. Inorganic Chemistry Communication, 2022, 139, 109347.	3.9	4
4	Construction of Co/Ni-based coordination polymers with three-dimensional isostructural frameworks and multiple catalytic applications. Journal of Solid State Chemistry, 2021, 296, 121979.	2.9	4
5	Rational design of CuO/SiO <sub>2</sub> nanocatalyst with anchor structure and hydrophilic surface for efficient hydrogenation of nitrophenol. Journal of Solid State Chemistry, 2021, 296, 121960.	2.9	24
6	Redox property switching in MOFs with open metal sites for improved catalytic hydrogenation performance. Journal of Alloys and Compounds, 2021, 888, 161494.	5.5	13
7	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.	2.9	11
8	Pillar-Layered Metal-Organic Frameworks Based on a Hexaprismane [Co <sub>6</sub> (μ <sub>3</sub> -OH) <sub>6</sub> ] Cluster: Structural Modulation and Catalytic Performance in Aerobic Oxidation Reaction. Inorganic Chemistry, 2020, 59, 11728-11735.	4.0	17
9	Combining unsaturated metal sites and narrow pores within a Co(II)-based MOF towards CO <sub>2</sub> separation and transformation. Dalton Transactions, 2020, 49, 2058-2062.	3.3	17
10	Construction of Cu-based MOFs with enhanced hydrogenation performance by integrating open electropositive metal sites. CrystEngComm, 2019, 21, 5382-5386.	2.6	16
11	A Cd(II)-Based Metal-Organic Framework with <i>pcu</i> Topology as Turn-On Fluorescent Sensor for Al <sup>3+</sup> . Chemistry - an Asian Journal, 2019, 14, 3648-3654.	3.3	58
12	A multifunctional anionic 3D Cd(II)-MOF derived from 2D layers catenation: Organic dyes adsorption, cycloaddition of CO <sub>2</sub> with epoxides and luminescence. Inorganic Chemistry Communication, 2019, 101, 184-187.	3.9	18
13	Nanocage-Based Porous Metal-Organic Frameworks Constructed from Icosahedrons and Tetrahedrons for Selective Gas Adsorption. ACS Applied Materials & Interfaces, 2019, 11, 20104-20109.	8.0	35
14	<i>In situ</i> aluminium ions regulation for quantum efficiency and light stability promotion in white light emitting material. RSC Advances, 2019, 9, 15265-15268.	3.6	1
15	Two Co(II) complexes based on 6-(3-pyridyl)isophthalic acid ligand: Structures, stability and catalytic applications. Polyhedron, 2018, 146, 12-18.	2.2	14
16	Rational Construction of Highly Tunable Donor-Acceptor Materials Based on a Crystalline Host-Guest Platform. Advanced Materials, 2018, 30, e1804715.	21.0	132
17	Structure modulation from unstable to stable MOFs by regulating secondary N-donor ligands. Dalton Transactions, 2018, 47, 14025-14032.	3.3	19
18	Utilizing an effective framework to dye energy transfer in a carbazole-based metal-organic framework for high performance white light emission tuning. Inorganic Chemistry Frontiers, 2018, 5, 2868-2874.	6.0	38

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19	Controllable assembly of three copper-organic frameworks: Structure transformation and gas adsorption properties. <i>Polyhedron</i> , 2017, 126, 83-91.	2.2	11
20	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.	2.2	6
21	A hydrothermally stable Zn(II)-based metal-organic framework: structural modulation and gas adsorption. <i>Dalton Transactions</i> , 2015, 44, 15697-15702.	3.3	49
22	A unique "cage-in-cage" metal-organic framework based on nested cages from interpenetrated networks. <i>CrystEngComm</i> , 2015, 17, 5884-5888.	2.6	15
23	Perspectives on Electron-Assisted Reduction for Preparation of Highly Dispersed Noble Metal Catalysts. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 3-13.	6.7	91
24	Li-ion storage and gas adsorption properties of porous polyimides (PIs). <i>RSC Advances</i> , 2014, 4, 7506.	3.6	91
25	Targeted Structure Modulation of "Pillar-Layered" Metal-Organic Frameworks for CO <sub>2</sub> Capture. <i>Inorganic Chemistry</i> , 2014, 53, 8985-8990.	4.0	82
26	Solvent induced rapid modulation of micro/nano structures of metal carboxylates coordination polymers: mechanism and morphology dependent magnetism. <i>Scientific Reports</i> , 2014, 4, 6023.	3.3	32
27	Fluorous Metal-Organic Frameworks with Enhanced Stability and High H <sub>2</sub> /CO <sub>2</sub> Storage Capacities. <i>Scientific Reports</i> , 2013, 3, 3312.	3.3	136
28	Construction and adsorption properties of microporous tetrazine-based organic frameworks. <i>RSC Advances</i> , 2012, 2, 408-410.	3.6	46