

Jiantang Li

List of Publications by Year in descending order

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papers

753
citations

623574

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899
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#	ARTICLE	IF	CITATIONS
1	Recent Progress on Microfine Design of Metal-Organic Frameworks: Structure Regulation and Gas Sorption and Separation. <i>Advanced Materials</i> , 2020, 32, e2002563.	11.1	160
2	Indium-Organic Frameworks Based on Dual Secondary Building Units Featuring Halogen-Decorated Channels for Highly Effective CO ₂ Fixation. <i>Chemistry of Materials</i> , 2019, 31, 1084-1091.	3.2	142
3	Two Finite Binuclear [M ₂ ($\frac{1}{4}$ -OH)(COO) ₂] (M = Co, Ni) Based Highly Porous Metal-Organic Frameworks with High Performance for Gas Sorption and Separation. <i>Inorganic Chemistry</i> , 2017, 56, 4141-4147.	1.9	57
4	A Stable Mesoporous Zr-Based Metal Organic Framework for Highly Efficient CO ₂ Conversion. <i>Inorganic Chemistry</i> , 2019, 58, 7480-7487.	1.9	51
5	Mesoporous Hexanuclear Copper Cluster-Based Metal-Organic Framework with Highly Selective Adsorption of Gas and Organic Dye Molecules. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 31233-31239.	4.0	50
6	Two Metal-Organic Frameworks with Structural Varieties Derived from <i>cis-trans</i> Isomerism Nodes and Effective Detection of Nitroaromatic Explosives. <i>Crystal Growth and Design</i> , 2018, 18, 1857-1863.	1.4	44
7	Self-assembly of Homochiral Porous Supramolecular Organic Frameworks with Significant CO ₂ Capture and CO ₂ /N ₂ Selectivity. <i>Crystal Growth and Design</i> , 2017, 17, 6653-6659.	1.4	38
8	A Microporous Heterovalent Copper-Organic Framework Based on [Cu ₂ I] ₂ and Cu ₂ (CO ₂) ₄ Secondary Building Units: High Performance for CO ₂ Adsorption and Separation and Iodine Sorption and Release. <i>Crystal Growth and Design</i> , 2018, 18, 5449-5455.	1.4	29
9	Two unique copper cluster-based metal-organic frameworks with high performance for CO ₂ adsorption and separation. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 556-561.	3.0	23
10	Three novel bismuth-based coordination polymers: Synthesis, structure and luminescent properties. <i>Inorganic Chemistry Communication</i> , 2017, 85, 70-73.	1.8	22
11	Lewis basic site (LBS)-functionalized zeolite-like supramolecular assemblies (ZSAs) with high CO ₂ uptake performance and highly selective CO ₂ /CH ₄ separation. <i>Journal of Materials Chemistry A</i> , 2017, 5, 21429-21434.	5.2	21
12	Two Cu _x I _y -based copper-organic frameworks with multiple secondary building units (SBUs): structure, gas adsorption and impressive ability of I ₂ sorption and release. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 1261-1266.	3.0	18
13	Quest for Zeolite-like Supramolecular Assemblies: Self-Assembly of Metal-Organic Squares via Directed Hydrogen Bonding. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19659-19662.	7.2	18
14	Contiguous layer based metal-organic framework with conjugated π -electron ligand for high iodine capture. <i>Dalton Transactions</i> , 2021, 50, 13096-13102.	1.6	16
15	PEEK composites with polyimide sizing SCF as reinforcement: Preparation, characterization, and mechanical properties. <i>High Performance Polymers</i> , 2020, 32, 383-393.	0.8	12
16	The multifunctional design of metal-organic framework by applying linker desymmetrization strategy: synergistic catalysis for high CO ₂ -epoxide conversion. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 4990-4997.	3.0	12
17	Inquiry for the multifunctional design of metal-organic frameworks: in situ equipping additional open metal sites (OMSs) inducing high CO ₂ capture/conversion abilities. <i>Materials Chemistry Frontiers</i> , 2021, 5, 1398-1404.	3.2	10
18	A water stable microporous metal-organic framework based on rod SBUs: synthesis, structure and adsorption properties. <i>CrystEngComm</i> , 2018, 20, 2169-2174.	1.3	8

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19	A three-dimensional Cu-MOF with strong π - π interactions exhibiting high water and chemical stability. <i>Inorganic Chemistry Communication</i> , 2019, 99, 108-112.	1.8	7
20	Designing Multicomponent Metal-Organic Frameworks with Hierarchical Structure-Mimicking Distribution for High CO_2 Capture Performance. <i>Inorganic Chemistry</i> , 2022, 61, 7663-7670.	1.9	7
21	Supramolecular interactions induced distortion of BTB ligands: breaking convention to reproduce an unusual (3,4,4)-connected MOF topology. <i>Dalton Transactions</i> , 2019, 48, 5511-5514.	1.6	4
22	Quest for Zeolite-Like Supramolecular Assemblies: Self-Assembly of Metal-Organic Squares via Directed Hydrogen Bonding. <i>Angewandte Chemie</i> , 2020, 132, 19827-19830.	1.6	4