

Jiantang Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6684663/publications.pdf>

Version: 2024-02-01

22
papers

753
citations

623574

14
h-index

677027

22
g-index

22
all docs

22
docs citations

22
times ranked

899
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 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 | 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 |
| 11 | Two Cu _x Y _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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | Two Metal-Organic Frameworks with Structural Varieties Derived from <i>cis</i> - <i>trans</i> Isomerism Nodes and Effective Detection of Nitroaromatic Explosives. <i>Crystal Growth and Design</i> , 2018, 18, 1857-1863. | 1.4 | 44 |
| 16 | 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 |
| 17 | A Microporous Heterovalent Copper-Organic Framework Based on [Cu ₂ L] _n 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 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Two Finite Binuclear $[M_2(\frac{1}{4})_2\text{-OH}(\text{COO})_2]$ (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 |
| 20 | 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 |
| 21 | 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 |
| 22 | Three novel bismuth-based coordination polymers: Synthesis, structure and luminescent properties. <i>Inorganic Chemistry Communication</i> , 2017, 85, 70-73. | 1.8 | 22 |