

Bo Gui

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4583104/publications.pdf>

Version: 2024-02-01

20
papers

1,255
citations

471509

17
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

1681
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Mechanized azobenzene-functionalized zirconium metal-organic framework for on-command cargo release. <i>Science Advances</i> , 2016, 2, e1600480. | 10.3 | 188 |
| 2 | Three-Dimensional Covalent Organic Frameworks: From Topology Design to Applications. <i>Accounts of Chemical Research</i> , 2020, 53, 2225-2234. | 15.6 | 149 |
| 3 | Tuning the Photoinduced Electron Transfer in a Zr-MOF: Toward Solid-State Fluorescent Molecular Switch and Turn-On Sensor. <i>Advanced Materials</i> , 2018, 30, e1802329. | 21.0 | 120 |
| 4 | A Crystalline Three-Dimensional Covalent Organic Framework with Flexible Building Blocks. <i>Journal of the American Chemical Society</i> , 2021, 143, 2123-2129. | 13.7 | 105 |
| 5 | Side-group chemical gating via reversible optical and electric control in a single molecule transistor. <i>Nature Communications</i> , 2019, 10, 1450. | 12.8 | 96 |
| 6 | Tuning the Topology of Three-Dimensional Covalent Organic Frameworks via Steric Control: From pts to Unprecedented ljh . <i>Journal of the American Chemical Society</i> , 2021, 143, 7279-7284. | 13.7 | 84 |
| 7 | Magnetic covalent triazine framework for rapid extraction of phthalate esters in plastic packaging materials followed by gas chromatography-flame ionization detection. <i>Journal of Chromatography A</i> , 2017, 1525, 32-41. | 3.7 | 73 |
| 8 | Reversible Tuning Hydroquinone/Quinone Reaction in Metal-Organic Framework: Immobilized Molecular Switches in Solid State. <i>Chemistry of Materials</i> , 2015, 27, 6426-6431. | 6.7 | 72 |
| 9 | Tackling poison and leach: catalysis by dangling thiol-palladium functions within a porous metal-organic solid. <i>Chemical Communications</i> , 2015, 51, 6917-6920. | 4.1 | 59 |
| 10 | Postsynthetic Modification of an Alkyne-Tagged Zirconium Metal-Organic Framework via a Click Reaction. <i>Inorganic Chemistry</i> , 2015, 54, 5139-5141. | 4.0 | 51 |
| 11 | Structural design and determination of 3D covalent organic frameworks. <i>Trends in Chemistry</i> , 2022, 4, 437-450. | 8.5 | 51 |
| 12 | Tailoring the Pore Surface of 3D Covalent Organic Frameworks via Postsynthetic Click Chemistry. <i>Angewandte Chemie - International Edition</i> , 2022, 61, . | 13.8 | 44 |
| 13 | Postsynthetic Modification of Metal-Organic Frameworks through Click Chemistry. <i>Chinese Journal of Chemistry</i> , 2016, 34, 186-190. | 4.9 | 33 |
| 14 | Engineering a Zirconium MOF through Tandem Click Reactions: A General Strategy for Quantitative Loading of Bifunctional Groups on the Pore Surface. <i>Inorganic Chemistry</i> , 2018, 57, 2288-2295. | 4.0 | 28 |
| 15 | Immobilizing Organic-Based Molecular Switches into Metal-Organic Frameworks: A Promising Strategy for Switching in Solid State. <i>Macromolecular Rapid Communications</i> , 2018, 39, 1700388. | 3.9 | 23 |
| 16 | Pore surface engineering in a zirconium metal-organic framework via thiol-ene reaction. <i>Journal of Solid State Chemistry</i> , 2015, 223, 79-83. | 2.9 | 20 |
| 17 | Tuning of Förster Resonance Energy Transfer in Metal-Organic Frameworks: Toward Amplified Fluorescence Sensing. <i>CCS Chemistry</i> , 2021, 3, 2054-2062. | 7.8 | 20 |
| 18 | Immobilization of AlEgens into metal-organic frameworks: Ligand design, emission behavior, and applications. <i>Journal of Polymer Science Part A</i> , 2017, 55, 1809-1817. | 2.3 | 17 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Switchable molecular sieving of a capped metal organic framework membrane. Journal of Materials Chemistry A, 2020, 8, 19984-19990. | 10.3 | 11 |
| 20 | Tailoring the Pore Surface of 3D Covalent Organic Frameworks via Post-synthetic Click Chemistry. Angewandte Chemie, 2022, 134, . | 2.0 | 11 |