

Meiting Zhao

List of Publications by Year in descending order

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41
papers

9,513
citations

147801

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docs citations

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times ranked

12279
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Metal-organic frameworks as selectivity regulators for hydrogenation reactions. <i>Nature</i> , 2016, 539, 76-80. | 27.8 | 1,201 |
| 2 | Two-dimensional metal-organic framework nanosheets: synthesis and applications. <i>Chemical Society Reviews</i> , 2018, 47, 6267-6295. | 38.1 | 978 |
| 3 | Ultrathin 2D Metal-Organic Framework Nanosheets. <i>Advanced Materials</i> , 2015, 27, 7372-7378. | 21.0 | 943 |
| 4 | High phase-purity 1T ⁻² -MoS ₂ - and 1T ⁻² -MoSe ₂ -layered crystals. <i>Nature Chemistry</i> , 2018, 10, 638-643. | 13.6 | 757 |
| 5 | Core-Shell Palladium Nanoparticle@Metal-Organic Frameworks as Multifunctional Catalysts for Cascade Reactions. <i>Journal of the American Chemical Society</i> , 2014, 136, 1738-1741. | 13.7 | 632 |
| 6 | Synthesis of Two-Dimensional CoS _{1.097} /Nitrogen-Doped Carbon Nanocomposites Using Metal-Organic Framework Nanosheets as Precursors for Supercapacitor Application. <i>Journal of the American Chemical Society</i> , 2016, 138, 6924-6927. | 13.7 | 591 |
| 7 | Bioinspired Design of Ultrathin 2D Bimetallic Metal-Organic Framework Nanosheets Used as Biomimetic Enzymes. <i>Advanced Materials</i> , 2016, 28, 4149-4155. | 21.0 | 440 |
| 8 | Ultrathin Two-Dimensional Covalent Organic Framework Nanosheets: Preparation and Application in Highly Sensitive and Selective DNA Detection. <i>Journal of the American Chemical Society</i> , 2017, 139, 8698-8704. | 13.7 | 440 |
| 9 | Growth of Au Nanoparticles on 2D Metalloporphyrinic Metal-Organic Framework Nanosheets Used as Biomimetic Catalysts for Cascade Reactions. <i>Advanced Materials</i> , 2017, 29, 1700102. | 21.0 | 384 |
| 10 | Two-Dimensional Metal-Organic Framework Nanosheets. <i>Small Methods</i> , 2017, 1, 1600030. | 8.6 | 364 |
| 11 | One-Pot Synthesis of Highly Anisotropic Five-Fold Twinned PtCu Nanoframes Used as a Bifunctional Electrocatalyst for Oxygen Reduction and Methanol Oxidation. <i>Advanced Materials</i> , 2016, 28, 8712-8717. | 21.0 | 336 |
| 12 | Hybridization of MOFs and COFs: A New Strategy for Construction of MOF@COF Core-Shell Hybrid Materials. <i>Advanced Materials</i> , 2018, 30, 1705454. | 21.0 | 318 |
| 13 | Boosting Hot Electrons in Hetero-superstructures for Plasmon-Enhanced Catalysis. <i>Journal of the American Chemical Society</i> , 2017, 139, 17964-17972. | 13.7 | 241 |
| 14 | MOF-Based Hierarchical Structures for Solar-Thermal Clean Water Production. <i>Advanced Materials</i> , 2019, 31, e1808249. | 21.0 | 233 |
| 15 | A Facile and Universal Top-Down Method for Preparation of Monodisperse Transition-Metal Dichalcogenide Nanodots. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5425-5428. | 13.8 | 185 |
| 16 | Ag@MoS ₂ Core-Shell Heterostructure as SERS Platform to Reveal the Hydrogen Evolution Active Sites of Single-Layer MoS ₂ . <i>Journal of the American Chemical Society</i> , 2020, 142, 7161-7167. | 13.7 | 185 |
| 17 | Pt-Ni Alloy Nanoparticles as Superior Counter Electrodes for Dye-Sensitized Solar Cells: Experimental and Theoretical Understanding. <i>Advanced Materials</i> , 2014, 26, 8101-8106. | 21.0 | 149 |
| 18 | Metal-organic frameworks as catalytic selectivity regulators for organic transformations. <i>Chemical Society Reviews</i> , 2021, 50, 5366-5396. | 38.1 | 130 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Ultrathin Chiral Metal-Organic Framework Nanosheets for Efficient Enantioselective Separation. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6873-6877. | 13.8 | 115 |
| 20 | In Situ Synthesis of Metal Sulfide Nanoparticles Based on 2D Metal-Organic Framework Nanosheets. <i>Small</i> , 2016, 12, 4669-4674. | 10.0 | 101 |
| 21 | Selective Epitaxial Growth of Oriented Hierarchical Metal-Organic Framework Heterostructures. <i>Journal of the American Chemical Society</i> , 2020, 142, 8953-8961. | 13.7 | 100 |
| 22 | Advanced photocatalysts based on metal nanoparticle/metal-organic framework composites. <i>Nano Research</i> , 2021, 14, 2037. | 10.4 | 95 |
| 23 | Intramolecular Hydrogen Bonding-Based Topology Regulation of Two-Dimensional Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2020, 142, 13162-13169. | 13.7 | 85 |
| 24 | Anodized Aluminum Oxide Templated Synthesis of Metal-Organic Frameworks Used as Membrane Reactors. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 578-581. | 13.8 | 57 |
| 25 | Two-dimensional metal-organic framework nanosheet composites: Preparations and applications. <i>Chinese Chemical Letters</i> , 2022, 33, 693-702. | 9.0 | 51 |
| 26 | Combining metal-organic frameworks (MOFs) and covalent-organic frameworks (COFs): Emerging opportunities for new materials and applications. <i>Nano Research</i> , 2022, 15, 3514-3532. | 10.4 | 46 |
| 27 | Synthesis of MoX ₂ (X = Se or S) monolayers with high-concentration 1T phase on 4H/fcc-Au nanorods for hydrogen evolution. <i>Nano Research</i> , 2019, 12, 1301-1305. | 10.4 | 44 |
| 28 | Isorecticular Series of Two-Dimensional Covalent Organic Frameworks with the kgd Topology and Controllable Micropores. <i>Journal of the American Chemical Society</i> , 2022, 144, 6475-6482. | 13.7 | 41 |
| 29 | Ultra-thin metal-organic framework nanoribbons. <i>National Science Review</i> , 2020, 7, 46-52. | 9.5 | 38 |
| 30 | Ultrathin 2D Copper(I) 1,2,4-Triazolate Coordination Polymer Nanosheets for Efficient and Selective Gene Silencing and Photodynamic Therapy. <i>Advanced Materials</i> , 2021, 33, e2100849. | 21.0 | 38 |
| 31 | Engineering channels of metal-organic frameworks to enhance catalytic selectivity. <i>Chemical Communications</i> , 2019, 55, 11770-11773. | 4.1 | 27 |
| 32 | Anodized Aluminum Oxide Templated Synthesis of Metal-Organic Frameworks Used as Membrane Reactors. <i>Angewandte Chemie</i> , 2017, 129, 593-596. | 2.0 | 18 |
| 33 | Ultrathin Chiral Metal-Organic Framework Nanosheets for Efficient Enantioselective Separation. <i>Angewandte Chemie</i> , 2018, 130, 6989-6993. | 2.0 | 18 |
| 34 | Metal-Organic Framework-Based Solid Acid Materials for Biomass Upgrade. <i>Transactions of Tianjin University</i> , 2021, 27, 434-449. | 6.4 | 18 |
| 35 | PbS nanoparticles stabilised blue phase liquid crystals. <i>Liquid Crystals</i> , 2015, 42, 1257-1261. | 2.2 | 14 |
| 36 | Organic microporous crystals driven by pure Ca-H ₂ O interactions with vapor-induced crystal-to-crystal transformations. <i>Materials Horizons</i> , 2022, 9, 731-739. | 12.2 | 14 |

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|----|--|------|-----------|
| 37 | Bioinspired Synthesis of ZnS Supraparticles toward Photoinduced Dechlorination of 2,2,4,4,5,5-Hexachlorobiphenyl. <i>Chemistry - an Asian Journal</i> , 2013, 8, 1765-1767. | 3.3 | 13 |
| 38 | Core-shell noble-metal@zeolitic-imidazolate-framework nanocarriers with high cancer treatment efficiency <i>in vitro</i> . <i>Journal of Materials Chemistry B</i> , 2019, 7, 1050-1055. | 5.8 | 12 |
| 39 | Preparation of CdS/Se _{1-x} MoS ₂ Heterostructures via Cation Exchange of Pre-epitaxially Synthesized Cu _{2-x} S _x /Se _{1-x} MoS ₂ for Photocatalytic Hydrogen Evolution. <i>Small</i> , 2021, 17, e2006135. | 10.9 | 11 |
| 40 | Metal-organic frameworks based on infinite secondary building units: recent progress and future outlooks. <i>Journal of Materials Chemistry A</i> , 2022, 10, 19320-19347. | 10.3 | 11 |
| 41 | Hetero-shelled Hollow Structure Coupled with Non-thermal Plasma Inducing Spatial Charge Rearrangement for Superior NO Conversion and Sulfur Resistance. <i>Small</i> , 2022, 18, e2106680. | 10.0 | 7 |