Meiting Zhao

List of Publications by Year in Descending Order

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Version: 2024-04-23

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

41 papers	6,734 citations	26 h-index	43 g-index
43 ext. papers	8,112 ext. citations	16.6 avg, IF	5.92 L-index

#	Paper	IF	Citations
41	Hetero-Shelled Hollow Structure Coupled with Non-Thermal Plasma Inducing Spatial Charge Rearrangement for Superior NO Conversion and Sulfur Resistance.. *Small*, **2022**, e2106680	11	0
40	Isoreticular Series of Two-Dimensional Covalent Organic Frameworks with the kgd Topology and Controllable Micropores.. *Journal of the American Chemical Society*, **2022**,	16.4	10
39	Combining metal-organic frameworks (MOFs) and covalent-organic frameworks (COFs): Emerging opportunities for new materials and applications. *Nano Research*, **2022**, 15, 3514-3532	10	2
38	Organic microporous crystals driven by pure C-H?π interactions with vapor-induced crystal-to-crystal transformations. *Materials Horizons*, **2021**,	14.4	1
37	Ultrathin 2D Copper(I) 1,2,4-Triazolate Coordination Polymer Nanosheets for Efficient and Selective Gene Silencing and Photodynamic Therapy. *Advanced Materials*, **2021**, 33, e2100849	24	11
36	Metal-Organic Framework-Based Solid Acid Materials for Biomass Upgrade. *Transactions of Tianjin University*, **2021**, 27, 434	2.9	5
35	Two-dimensional metal-organic framework nanosheet composites: Preparations and applications. *Chinese Chemical Letters*, **2021**, 33, 693-693	8.1	12
34	Preparation of CdS Se -MoS Heterostructures via Cation Exchange of Pre-Epitaxially Synthesized Cu S Se -MoS for Photocatalytic Hydrogen Evolution. *Small*, **2021**, 17, e2006135	11	2
33	Metal-organic frameworks as catalytic selectivity regulators for organic transformations. *Chemical Society Reviews*, **2021**, 50, 5366-5396	58.5	32
32	Ag@MoS Core-Shell Heterostructure as SERS Platform to Reveal the Hydrogen Evolution Active Sites of Single-Layer MoS. *Journal of the American Chemical Society*, **2020**, 142, 7161-7167	16.4	88
31	Intramolecular Hydrogen Bonding-Based Topology Regulation of Two-Dimensional Covalent Organic Frameworks. *Journal of the American Chemical Society*, **2020**, 142, 13162-13169	16.4	29
30	Advanced photocatalysts based on metal nanoparticle/metal-organic framework composites. *Nano Research*, **2020**, 14, 2037	10	35
29	Ultra-thin metal-organic framework nanoribbons. *National Science Review*, **2020**, 7, 46-52	10.8	18
28	Selective Epitaxial Growth of Oriented Hierarchical Metal-Organic Framework Heterostructures. *Journal of the American Chemical Society*, **2020**, 142, 8953-8961	16.4	40
27	Engineering channels of metal-organic frameworks to enhance catalytic selectivity. *Chemical Communications*, **2019**, 55, 11770-11773	5.8	20
26	Core-shell noble-metal@zeolitic-imidazolate-framework nanocarriers with high cancer treatment efficiency in vitro. *Journal of Materials Chemistry B*, **2019**, 7, 1050-1055	7.3	9
25	MOF-Based Hierarchical Structures for Solar-Thermal Clean Water Production. *Advanced Materials*, **2019**, 31, e1808249	24	157

24	Synthesis of MoX2 (X = Se or S) monolayers with high-concentration 1T? phase on 4H/fcc-Au nanorods for hydrogen evolution. *Nano Research*, **2019**, 12, 1301-1305	10	28
23	Ultrathin Chiral Metal‐Organic-Framework Nanosheets for Efficient Enantioselective Separation. *Angewandte Chemie*, **2018**, 130, 6989-6993	3.6	17
22	Ultrathin Chiral Metal-Organic-Framework Nanosheets for Efficient Enantioselective Separation. *Angewandte Chemie - International Edition*, **2018**, 57, 6873-6877	16.4	76
21	High phase-purity 1T′-MoS- and 1T′-MoSe-layered crystals. *Nature Chemistry*, **2018**, 10, 638-643	17.6	510
20	Hybridization of MOFs and COFs: A New Strategy for Construction of MOF@COF Core-Shell Hybrid Materials. *Advanced Materials*, **2018**, 30, 1705454	24	200
19	Two-dimensional metal-organic framework nanosheets: synthesis and applications. *Chemical Society Reviews*, **2018**, 47, 6267-6295	58.5	662
18	Anodized Aluminum Oxide Templated Synthesis of Metal-Organic Frameworks Used as Membrane Reactors. *Angewandte Chemie - International Edition*, **2017**, 56, 578-581	16.4	42
17	Growth of Au Nanoparticles on 2D Metalloporphyrinic Metal-Organic Framework Nanosheets Used as Biomimetic Catalysts for Cascade Reactions. *Advanced Materials*, **2017**, 29, 1700102	24	283
16	Ultrathin Two-Dimensional Covalent Organic Framework Nanosheets: Preparation and Application in Highly Sensitive and Selective DNA Detection. *Journal of the American Chemical Society*, **2017**, 139, 8698-8704	16.4	301
15	Anodized Aluminum Oxide Templated Synthesis of Metal‐Organic Frameworks Used as Membrane Reactors. *Angewandte Chemie*, **2017**, 129, 593-596	3.6	15
14	Two-Dimensional Metal‐Organic Framework Nanosheets. *Small Methods*, **2017**, 1, 1600030	12.8	283
13	Boosting Hot Electrons in Hetero-superstructures for Plasmon-Enhanced Catalysis. *Journal of the American Chemical Society*, **2017**, 139, 17964-17972	16.4	158
12	In Situ Synthesis of Metal Sulfide Nanoparticles Based on 2D Metal-Organic Framework Nanosheets. *Small*, **2016**, 12, 4669-74	11	88
11	Bioinspired Design of Ultrathin 2D Bimetallic Metal-Organic-Framework Nanosheets Used as Biomimetic Enzymes. *Advanced Materials*, **2016**, 28, 4149-55	24	320
10	Synthesis of Two-Dimensional CoS1.097/Nitrogen-Doped Carbon Nanocomposites Using Metal-Organic Framework Nanosheets as Precursors for Supercapacitor Application. *Journal of the American Chemical Society*, **2016**, 138, 6924-7	16.4	485
9	Metal-organic frameworks as selectivity regulators for hydrogenation reactions. *Nature*, **2016**, 539, 76-80	40.4	925
8	One-Pot Synthesis of Highly Anisotropic Five-Fold-Twinned PtCu Nanoframes Used as a Bifunctional Electrocatalyst for Oxygen Reduction and Methanol Oxidation. *Advanced Materials*, **2016**, 28, 8712-8717	24	275
7	A facile and universal top-down method for preparation of monodisperse transition-metal dichalcogenide nanodots. *Angewandte Chemie - International Edition*, **2015**, 54, 5425-8	16.4	156

6	PbS nanoparticles stabilised blue phase liquid crystals. *Liquid Crystals*, **2015**, 42, 1257-1261	2.3	10
5	A Facile and Universal Top-Down Method for Preparation of Monodisperse Transition-Metal Dichalcogenide Nanodots. *Angewandte Chemie*, **2015**, 127, 5515-5518	3.6	31
4	Ultrathin 2D Metal-Organic Framework Nanosheets. *Advanced Materials*, **2015**, 27, 7372-8	24	684
3	Core-shell palladium nanoparticle@metal-organic frameworks as multifunctional catalysts for cascade reactions. *Journal of the American Chemical Society*, **2014**, 136, 1738-41	16.4	557
2	Pt-Ni alloy nanoparticles as superior counter electrodes for dye-sensitized solar cells: experimental and theoretical understanding. *Advanced Materials*, **2014**, 26, 8101-6	24	144
1	Bioinspired synthesis of ZnS supraparticles toward photoinduced dechlorination of 2,2Ţ4,4Ţ5,5Ŧhexachlorobiphenyl. *Chemistry - an Asian Journal*, **2013**, 8, 1765-7	4.5	11