

## List of Publications by Citations

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58  
papers

646  
citations

15  
h-index

22  
g-index

70  
ext. papers

1,122  
ext. citations

7.1  
avg, IF

4.23  
L-index

#	Paper	IF	Citations
58	Wavelength-Controlled Dynamic Metathesis: A Light-Driven Exchange Reaction between Disulfide and Diselenide Bonds. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 16426-16430	16.4	65
57	Preparation of MOF Film/Aerogel Composite Catalysts via Substrate-Seeding Secondary-Growth for the Oxygen Evolution Reaction and CO Cycloaddition. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 701-705	16.4	44
56	Fabrication of Metal-Organic Framework and Infinite Coordination Polymer Nanosheets by the Spray Technique. <i>Langmuir</i> , <b>2017</b> , 33, 1060-1065	4	41
55	Fabrication of MOF Thin Films at Miscible Liquid-Liquid Interface by Spray Method. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 25960-25966	9.5	34
54	Microenvironment of MOF Channel Coordination with Pt NPs for Selective Hydrogenation of Unsaturated Aldehydes. <i>ACS Catalysis</i> , <b>2020</b> , 10, 5805-5813	13.1	32
53	Multicomponent metal-organic framework derivatives for optimizing the selective catalytic performance of styrene epoxidation reaction. <i>Nanoscale</i> , <b>2018</b> , 10, 8772-8778	7.7	29
52	Two-dimensional MOF-derived nanoporous Cu/Cu <sub>2</sub> O networks as catalytic membrane reactor for the continuous reduction of p-nitrophenol. <i>Journal of Membrane Science</i> , <b>2019</b> , 582, 30-36	9.6	26
51	A facile PDMS coating approach to room-temperature gas sensors with high humidity resistance and long-term stability. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 325, 128810	8.5	23
50	Fabrication of 2D metal-organic framework nanosheet@fiber composites by spray technique. <i>Chemical Communications</i> , <b>2019</b> , 55, 8293-8296	5.8	18
49	Thermal Shrinkage Behavior of Metal-Organic Frameworks. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2001389	15.6	18
48	Construction of Zn/Ni Bimetallic Organic Framework Derived ZnO/NiO Heterostructure with Superior -Propanol Sensing Performance. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 9206-9215	9.5	18
47	Characterization and optimization of the H <sub>2</sub> sensing performance of Pd hollow shells. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 295, 101-109	8.5	17
46	Metallic Nanoshells with Sub-10 nm Thickness and Their Performance as Surface-Enhanced Spectroscopy Substrate. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 9889-96	9.5	17
45	Naked eye plasmonic indicator with multi-responsive polymer brush as signal transducer and amplifier. <i>Nanoscale</i> , <b>2017</b> , 9, 1925-1933	7.7	16
44	Amorphous FeNi-bimetallic infinite coordination polymers as advanced electrocatalysts for the oxygen evolution reaction. <i>Chemical Communications</i> , <b>2019</b> , 55, 12567-12570	5.8	16
43	Dynamic Tunable Color Display Based on Metal-Insulator-Metal Resonator with Polymer Brush Insulator Layer as Signal Transducer. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 41668-41675	9.5	13
42	Pd-Decorated PdO Hollow Shells: A H-Sensing System in Which Catalyst Nanoparticle and Semiconductor Support are Interconvertible. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 42971-42981	8.5	13

41	Preparation of hierarchical trimetallic coordination polymer film as efficient electrocatalyst for oxygen evolution reaction. <i>Chemical Communications</i> , <b>2019</b> , 55, 9343-9346	5.8	12
40	CoNi-based metal-organic framework nanoarrays supported on carbon cloth as bifunctional electrocatalysts for efficient water-splitting. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 1694-1698	3.6	11
39	Transitional MOFs: Exposing Metal Sites with Porosity for Enhancing Catalytic Reaction Performance. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 23968-23975	9.5	11
38	Copper oxide hierarchical morphology derived from MOF precursors for enhancing ethanol vapor sensing performance. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 9671-9677	7.1	10
37	MOF-derived CuCoNi trimetallic hybrids as efficient oxygen evolution reaction electrocatalysts. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 2459-2464	3.6	10
36	Electrochemical oxidation of 5-hydroxymethylfurfural on ternary metal-organic framework nanoarrays: enhancement from electronic structure modulation. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 14270-14275	13	10
35	Exploring the Fundamental Roles of Functionalized Ligands in Platinum@Metal-Organic Framework Catalysts. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 52660-52667	9.5	9
34	Swelling-induced 3D photopatterning on a diselenide-containing elastomer. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 10777-10782	7.1	8
33	Sea urchin-like CuO particles prepared using Cu(PO) flowers as precursor for high-performance ethanol sensing. <i>Nanotechnology</i> , <b>2020</b> , 31, 165504	3.4	8
32	Transfer of ordered nanoparticle array and its application in high-modulus membrane fabrication. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 6410	7.1	7
31	An Electrochemical Sensor for H <sub>2</sub> O <sub>2</sub> Based on Au Nanoparticles Embedded in UiO-66 Metal-Organic Framework Films. <i>ACS Applied Nano Materials</i> , <b>2021</b> , 4, 6103-6110	5.6	7
30	Site-directed reduction engineering within bimetal-organic frameworks for efficient size-selective catalysis. <i>Matter</i> , <b>2021</b> , 4, 2919-2935	12.7	7
29	Optimally designed gold nanorattles with strong built-in hotspots and weak polarization dependence. <i>Nanotechnology</i> , <b>2017</b> , 28, 495201	3.4	6
28	Fabrication of Monodisperse Flower-Like Coordination Polymers (CP) Microparticles by Spray Technique. <i>Nanomaterials</i> , <b>2017</b> , 7,	5.4	6
27	Novel Zinc-Based Infinite Coordination Polymer for Highly Selective Ammonia Gas Sensing at Room Temperature. <i>Bulletin of the Chemical Society of Japan</i> , <b>2020</b> , 93, 1070-1073	5.1	6
26	Visual Detection of Thiocyanate Based on Fabry-Perot Etalons with a Responsive Polymer Brush as the Transducer. <i>ACS Sensors</i> , <b>2020</b> , 5, 303-307	9.2	5
25	Enhancing the Hydrogen-Sensing Performance of p-Type PdO by Modulating the Conduction Model. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> ,	9.5	5
24	Fabrication of wide-detection-range H <sub>2</sub> sensors with controllable saturation behavior using Au@Pd nanoparticle arrays. <i>Chemical Communications</i> , <b>2020</b> , 56, 12636-12639	5.8	5

23	Preparation of Bimetallic Metal-Organic Framework Microflowers by Spray Method. <i>Bulletin of the Chemical Society of Japan</i> , <b>2019</b> , 92, 175-177	5.1	5
22	Fabrication of mesoporous MOF nanosheets via surfactant-template method for CB coupling reactions. <i>Microporous and Mesoporous Materials</i> , <b>2020</b> , 303, 110254	5.3	5
21	An ultra-high quantum yield Tb-MOF with phenolic hydroxyl as the recognition group for a highly selective and sensitive detection of Fe <sup>3+</sup> . <i>Journal of Materials Chemistry C</i> ,	7.1	4
20	Solid-state structural transformation of Zn(II)-bpe coordination polymers triggered by dual stimuli. <i>Journal of Solid State Chemistry</i> , <b>2020</b> , 292, 121635	3.3	4
19	Preparation of MOF Film/Aerogel Composite Catalysts via Substrate-Seeding Secondary-Growth for the Oxygen Evolution Reaction and CO <sub>2</sub> Cycloaddition. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 711-715	3.6	4
18	Fabrication of hierarchically flower-like trimetallic coordination polymers via ion-exchange strategy for efficient electrocatalytic oxygen evolution. <i>Journal of Electroanalytical Chemistry</i> , <b>2021</b> , 883, 115036	4.1	4
17	Prediction Descriptor for Catalytic Activity of Platinum Nanoparticles/Metal-Organic Framework Composites. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 38325-38332	9.5	4
16	Fabrication of a robust MOF/aerogel composite a covalent post-assembly method. <i>Chemical Communications</i> , <b>2021</b> , 57, 5961-5964	5.8	4
15	Controllable Fabrication of PdO-PdAu Ternary Hollow Shells: Synergistic Acceleration of H <sub>2</sub> -Sensing Speed via Morphology Regulation and Electronic Structure Modulation.. <i>Small</i> , <b>2022</b> , e2106874	11	4
14	Thermal annealing: a facile way of conferring responsivity to inert alkyl-chain-passivated nanoparticle arrays. <i>Langmuir</i> , <b>2014</b> , 30, 13052-7	4	3
13	The Fabrication of Rigid Crosslinker-Decorated Gold Nanoparticle Array Film for Catalyzing CO <sub>2</sub> Cycloaddition. <i>Bulletin of the Chemical Society of Japan</i> , <b>2019</b> , 92, 2004-2011	5.1	3
12	Structural and Morphological Transformation of Two-Dimensional Metal-Organic Frameworks Accompanied by Controlled Preparation Using the Spray Method. <i>Langmuir</i> , <b>2020</b> , 36, 7392-7399	4	2
11	Efficient Non-Precious Metal Catalyst for Propane Dehydrogenation: Atomically Dispersed Cobalt-nitrogen Compounds on Carbon Nanotubes. <i>ChemCatChem</i> , <b>2021</b> , 13, 3067-3073	5.2	2
10	Preparation of Superhydrophobic Metal-Organic Framework/Polymer Composites as Stable and Efficient Catalysts. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 32175-32183	9.5	2
9	Construction of hierarchical-porous metal-organic frameworks through esterification reaction for efficient catalysis. <i>Chemical Communications</i> , <b>2021</b> , 57, 10795-10798	5.8	2
8	A Novel Strategy for Fabricating a Strong Nanoparticle Monolayer and Its Enhanced Mechanism. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	1
7	2-Methylimidazole-Induced Synthesis of 2D Amorphous FeCoNi Ternary Hydroxides Nanosheets by Mechanochemical Approach for Oxygen Evolution Reaction. <i>Bulletin of the Chemical Society of Japan</i> , <b>2022</b> , 95, 178-184	5.1	1
6	Fabrication of Metal Nanoparticle Composites by Slow Chemical Reduction of Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 16447-16454	5.1	1

5	Fabrication of 2D Metal-Organic Framework Nanosheets with Highly Colloidal Stability and High Yield through Coordination Modulation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 39755-39762	9.5	1
4	Preparation of MOF catalysts and simultaneously modulated metal nodes and ligands via a one-pot method for optimizing cycloaddition reactions. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 9611-9615	3.6	0
3	Anisotropic MOF-on-MOF Growth of Isostructural Multilayer Metal-Organic Framework Heterostructures. <i>Research</i> , <b>2021</b> , 2021, 9854946	7.8	0
2	Synthesis of FeNiCo Ternary Hydroxides through Green Grinding Method with Metal-Organic Frameworks as Precursors for Oxygen Evolution Reaction. <i>ChemSusChem</i> , <b>2021</b> , 14, 5042-5048	8.3	0
1	A dual-emissive europium-based metal-organic framework for selective and sensitive detection of Fe and Fe. <i>Dalton Transactions</i> , <b>2021</b> , 50, 13823-13829	4.3	0