

Yu Fu

List of Publications by Year in Descending Order

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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.

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	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> , 2022 , 95, 178-184	5.1	1
57	Controllable Fabrication of PdO-PdAu Ternary Hollow Shells: Synergistic Acceleration of H-Sensing Speed via Morphology Regulation and Electronic Structure Modulation.. <i>Small</i> , 2022 , e2106874	11	4
56	Anisotropic MOF-on-MOF Growth of Isostructural Multilayer Metal-Organic Framework Heterostructures. <i>Research</i> , 2021 , 2021, 9854946	7.8	0
55	Fabrication of Metal Nanoparticle Composites by Slow Chemical Reduction of Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2021 , 60, 16447-16454	5.1	1
54	Enhancing the Hydrogen-Sensing Performance of p-Type PdO by Modulating the Conduction Model. <i>ACS Applied Materials & Interfaces</i> , 2021 ,	9.5	5
53	Efficient Non-Precious Metal Catalyst for Propane Dehydrogenation: Atomically Dispersed Cobalt-nitrogen Compounds on Carbon Nanotubes. <i>ChemCatChem</i> , 2021 , 13, 3067-3073	5.2	2
52	An Electrochemical Sensor for H ₂ O ₂ Based on Au Nanoparticles Embedded in UiO-66 Metal-Organic Framework Films. <i>ACS Applied Nano Materials</i> , 2021 , 4, 6103-6110	5.6	7
51	Preparation of Superhydrophobic Metal-Organic Framework/Polymer Composites as Stable and Efficient Catalysts. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 32175-32183	9.5	2
50	Preparation of MOF Film/Aerogel Composite Catalysts via Substrate-Seeding Secondary-Growth for the Oxygen Evolution Reaction and CO ₂ Cycloaddition. <i>Angewandte Chemie</i> , 2021 , 133, 711-715	3.6	4
49	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> , 2021 , 60, 701-705	16.4	44
48	Electrochemical oxidation of 5-hydroxymethylfurfural on ternary metal-organic framework nanoarrays: enhancement from electronic structure modulation. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 14270-14275	13	10
47	Construction of Zn/Ni Bimetallic Organic Framework Derived ZnO/NiO Heterostructure with Superior -Propanol Sensing Performance. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 9206-9215	9.5	18
46	Fabrication of hierarchically flower-like trimetallic coordination polymers via ion-exchange strategy for efficient electrocatalytic oxygen evolution. <i>Journal of Electroanalytical Chemistry</i> , 2021 , 883, 115036	4.1	4
45	Fabrication of 2D Metal-Organic Framework Nanosheets with Highly Colloidal Stability and High Yield through Coordination Modulation. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 39755-39762	9.5	1
44	Prediction Descriptor for Catalytic Activity of Platinum Nanoparticles/Metal-Organic Framework Composites. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 38325-38332	9.5	4
43	Synthesis of FeNiCo Ternary Hydroxides through Green Grinding Method with Metal-Organic Frameworks as Precursors for Oxygen Evolution Reaction. <i>ChemSusChem</i> , 2021 , 14, 5042-5048	8.3	0
42	Site-directed reduction engineering within bimetal-organic frameworks for efficient size-selective catalysis. <i>Matter</i> , 2021 , 4, 2919-2935	12.7	7

41	Fabrication of a robust MOF/aerogel composite a covalent post-assembly method. <i>Chemical Communications</i> , 2021 , 57, 5961-5964	5.8	4
40	A dual-emissive europium-based metal-organic framework for selective and sensitive detection of Fe and Fe. <i>Dalton Transactions</i> , 2021 , 50, 13823-13829	4.3	0
39	Construction of hierarchical-porous metal-organic frameworks through esterification reaction for efficient catalysis. <i>Chemical Communications</i> , 2021 , 57, 10795-10798	5.8	2
38	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> , 2020 , 44, 9611-9615	3.6	0
37	Structural and Morphological Transformation of Two-Dimensional Metal-Organic Frameworks Accompanied by Controlled Preparation Using the Spray Method. <i>Langmuir</i> , 2020 , 36, 7392-7399	4	2
36	Copper oxide hierarchical morphology derived from MOF precursors for enhancing ethanol vapor sensing performance. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 9671-9677	7.1	10
35	Thermal Shrinkage Behavior of Metal-Organic Frameworks. <i>Advanced Functional Materials</i> , 2020 , 30, 2001389	15.6	18
34	Visual Detection of Thiocyanate Based on Fabry-Perot Etalons with a Responsive Polymer Brush as the Transducer. <i>ACS Sensors</i> , 2020 , 5, 303-307	9.2	5
33	CoNi-based metal-organic framework nanoarrays supported on carbon cloth as bifunctional electrocatalysts for efficient water-splitting. <i>New Journal of Chemistry</i> , 2020 , 44, 1694-1698	3.6	11
32	MOF-derived CuCoNi trimetallic hybrids as efficient oxygen evolution reaction electrocatalysts. <i>New Journal of Chemistry</i> , 2020 , 44, 2459-2464	3.6	10
31	Transitional MOFs: Exposing Metal Sites with Porosity for Enhancing Catalytic Reaction Performance. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 23968-23975	9.5	11
30	Microenvironment of MOF Channel Coordination with Pt NPs for Selective Hydrogenation of Unsaturated Aldehydes. <i>ACS Catalysis</i> , 2020 , 10, 5805-5813	13.1	32
29	Novel Zinc-Based Infinite Coordination Polymer for Highly Selective Ammonia Gas Sensing at Room Temperature. <i>Bulletin of the Chemical Society of Japan</i> , 2020 , 93, 1070-1073	5.1	6
28	Sea urchin-like CuO particles prepared using Cu(PO) flowers as precursor for high-performance ethanol sensing. <i>Nanotechnology</i> , 2020 , 31, 165504	3.4	8
27	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> , 2020 , 325, 128810	8.5	23
26	Solid-state structural transformation of Zn(II)-bpe coordination polymers triggered by dual stimuli. <i>Journal of Solid State Chemistry</i> , 2020 , 292, 121635	3.3	4
25	Exploring the Fundamental Roles of Functionalized Ligands in Platinum@Metal-Organic Framework Catalysts. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 52660-52667	9.5	9
24	Pd-Decorated PdO Hollow Shells: A H-Sensing System in Which Catalyst Nanoparticle and Semiconductor Support are Interconvertible. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 42971-42981	8.5	13

23	Fabrication of wide-detection-range H sensors with controllable saturation behavior using Au@Pd nanoparticle arrays. <i>Chemical Communications</i> , 2020 , 56, 12636-12639	5.8	5
22	Fabrication of mesoporous MOF nanosheets via surfactant-template method for CB coupling reactions. <i>Microporous and Mesoporous Materials</i> , 2020 , 303, 110254	5.3	5
21	Swelling-induced 3D photopatterning on a diselenide-containing elastomer. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 10777-10782	7.1	8
20	Fabrication of 2D metal-organic framework nanosheet@fiber composites by spray technique. <i>Chemical Communications</i> , 2019 , 55, 8293-8296	5.8	18
19	Characterization and optimization of the H ₂ sensing performance of Pd hollow shells. <i>Sensors and Actuators B: Chemical</i> , 2019 , 295, 101-109	8.5	17
18	Two-dimensional MOF-derived nanoporous Cu/Cu ₂ O networks as catalytic membrane reactor for the continuous reduction of p-nitrophenol. <i>Journal of Membrane Science</i> , 2019 , 582, 30-36	9.6	26
17	Preparation of hierarchical trimetallic coordination polymer film as efficient electrocatalyst for oxygen evolution reaction. <i>Chemical Communications</i> , 2019 , 55, 9343-9346	5.8	12
16	Dynamic Tunable Color Display Based on Metal-Insulator-Metal Resonator with Polymer Brush Insulator Layer as Signal Transducer. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 41668-41675	9.5	13
15	A Novel Strategy for Fabricating a Strong Nanoparticle Monolayer and Its Enhanced Mechanism. <i>Nanomaterials</i> , 2019 , 9,	5.4	1
14	Amorphous FeNi-bimetallic infinite coordination polymers as advanced electrocatalysts for the oxygen evolution reaction. <i>Chemical Communications</i> , 2019 , 55, 12567-12570	5.8	16
13	The Fabrication of Rigid Crosslinker-Decorated Gold Nanoparticle Array Film for Catalyzing CO ₂ Cycloaddition. <i>Bulletin of the Chemical Society of Japan</i> , 2019 , 92, 2004-2011	5.1	3
12	Preparation of Bimetallic Metal-Organic Framework Microflowers by Spray Method. <i>Bulletin of the Chemical Society of Japan</i> , 2019 , 92, 175-177	5.1	5
11	Multicomponent metal-organic framework derivatives for optimizing the selective catalytic performance of styrene epoxidation reaction. <i>Nanoscale</i> , 2018 , 10, 8772-8778	7.7	29
10	Fabrication of MOF Thin Films at Miscible Liquid-Liquid Interface by Spray Method. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 25960-25966	9.5	34
9	Wavelength-Controlled Dynamic Metathesis: A Light-Driven Exchange Reaction between Disulfide and Diselenide Bonds. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 16426-16430	16.4	65
8	Fabrication of Metal-Organic Framework and Infinite Coordination Polymer Nanosheets by the Spray Technique. <i>Langmuir</i> , 2017 , 33, 1060-1065	4	41
7	Naked eye plasmonic indicator with multi-responsive polymer brush as signal transducer and amplifier. <i>Nanoscale</i> , 2017 , 9, 1925-1933	7.7	16
6	Optimally designed gold nanorattles with strong built-in hotspots and weak polarization dependence. <i>Nanotechnology</i> , 2017 , 28, 495201	3.4	6

5	Fabrication of Monodisperse Flower-Like Coordination Polymers (CP) Microparticles by Spray Technique. <i>Nanomaterials</i> , 2017 , 7,	5-4	6
4	Metallic Nanoshells with Sub-10 nm Thickness and Their Performance as Surface-Enhanced Spectroscopy Substrate. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 9889-96	9-5	17
3	Thermal annealing: a facile way of conferring responsivity to inert alkyl-chain-passivated nanoparticle arrays. <i>Langmuir</i> , 2014 , 30, 13052-7	4	3
2	Transfer of ordered nanoparticle array and its application in high-modulus membrane fabrication. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 6410	7-1	7
1	An ultra-high quantum yield Tb-MOF with phenolic hydroxyl as the recognition group for a highly selective and sensitive detection of Fe ³⁺ . <i>Journal of Materials Chemistry C</i> ,	7-1	4