

Yu Fang

List of Publications by Year in descending order

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40
papers

4,606
citations

304743

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315739

38
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42
docs citations

42
times ranked

6480
citing authors

#	ARTICLE	IF	CITATIONS
1	Stable Metal-Organic Frameworks: Design, Synthesis, and Applications. <i>Advanced Materials</i> , 2018, 30, e1704303.	21.0	1,740
2	Enzyme-MOF (metal-organic framework) composites. <i>Chemical Society Reviews</i> , 2017, 46, 3386-3401.	38.1	1,049
3	Catalytic reactions within the cavity of coordination cages. <i>Chemical Society Reviews</i> , 2019, 48, 4707-4730.	38.1	313
4	Enzyme-MOF Nanoreactor Activates Nontoxic Paracetamol for Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5725-5730.	13.8	217
5	Retrosynthesis of multi-component metal-organic frameworks. <i>Nature Communications</i> , 2018, 9, 808.	12.8	159
6	Ultra-Small Face-Centered-Cubic Ru Nanoparticles Confined within a Porous Coordination Cage for Dehydrogenation. <i>Chem</i> , 2018, 4, 555-563.	11.7	116
7	Formation of a Highly Reactive Cobalt Nanocluster Crystal within a Highly Negatively Charged Porous Coordination Cage. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5283-5287.	13.8	85
8	Bottom-Up Assembly from a Helicate to Homochiral Micro- and Mesoporous Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 1154-1158.	13.8	77
9	Biomedical Integration of Metal-Organic Frameworks. <i>Trends in Chemistry</i> , 2020, 2, 467-479.	8.5	66
10	PCN-250 under Pressure: Sequential Phase Transformation and the Implications for MOF Densification. <i>Joule</i> , 2017, 1, 806-815.	24.0	65
11	Noncovalent Tailoring of the Binding Pocket of Self-Assembled Cages by Remote Bulky Ancillary Groups. <i>Journal of the American Chemical Society</i> , 2013, 135, 613-615.	13.7	61
12	Homochiral Dodecanuclear Lanthanide Cage in Cage for Enantioselective Separation. <i>Journal of the American Chemical Society</i> , 2021, 143, 12560-12566.	13.7	59
13	Formation of a Highly Reactive Cobalt Nanocluster Crystal within a Highly Negatively Charged Porous Coordination Cage. <i>Angewandte Chemie</i> , 2018, 130, 5381-5385.	2.0	55
14	Stable Metal-Organic Frameworks: Stable Metal-Organic Frameworks: Design, Synthesis, and Applications (<i>Adv. Mater.</i> 37/2018). <i>Advanced Materials</i> , 2018, 30, 1870277.	21.0	55
15	Modulation versus Templating: Fine-Tuning of Hierarchally Porous PCN-250 Using Fatty Acids To Engineer Guest Adsorption. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12425-12430.	13.8	48
16	Transformation of Nonporous Adaptive Pillar[4]arene[1]quinone Crystals into Fluorescent Crystals via Multi-Step Solid-Vapor Postsynthetic Modification for Fluorescence Turn-on Sensing of Ethylenediamine. <i>Journal of the American Chemical Society</i> , 2020, 142, 15560-15568.	13.7	43
17	Enzyme-MOF Nanoreactor Activates Nontoxic Paracetamol for Cancer Therapy. <i>Angewandte Chemie</i> , 2018, 130, 5827-5832.	2.0	42
18	Bimolecular proximity of a ruthenium complex and methylene blue within an anionic porous coordination cage for enhancing photocatalytic activity. <i>Chemical Science</i> , 2019, 10, 3529-3534.	7.4	38

#	ARTICLE	IF	CITATIONS
19	Investigating Subcellular Compartment Targeting Effect of Porous Coordination Cages for Enhancing Cancer Nanotherapy. <i>Small</i> , 2018, 14, e1802709.	10.0	36
20	Harnessing Structural Dynamics in a 2D Manganese-Benzoquinoid Framework To Dramatically Accelerate Metal Transport in Diffusion-Limited Metal Exchange Reactions. <i>Journal of the American Chemical Society</i> , 2018, 140, 11444-11453.	13.7	31
21	Engineering a homochiral metal-organic framework based on an amino acid for enantioselective separation. <i>Chemical Communications</i> , 2020, 56, 9016-9019.	4.1	29
22	Applications of Immobilized Bio-Catalyst in Metal-Organic Frameworks. <i>Catalysts</i> , 2018, 8, 166.	3.5	26
23	Bottom-Up Assembly of a Highly Efficient Metal-Organic Framework for Cooperative Catalysis. <i>Inorganic Chemistry</i> , 2018, 57, 13912-13919.	4.0	22
24	Water clusters induced assembly of chiral organic microstructures showing reversible phase transformations and luminescence switching. <i>Chemical Communications</i> , 2010, 46, 2307.	4.1	18
25	Suspension Processing of Microporous Metal-Organic Frameworks: A Scalable Route to High-Quality Adsorbents. <i>IScience</i> , 2018, 5, 30-37.	4.1	18
26	Cavity-promoted Diels-Alder Reactions of Unsubstituted Naphthalene: Fine Reactivity Tuning by Cavity Shrinkage. <i>Chemistry Letters</i> , 2015, 44, 1095-1097.	1.3	17
27	Incorporating Heavy Alkanes in Metal-Organic Frameworks for Optimizing Adsorbed Natural Gas Capacity. <i>Chemistry - A European Journal</i> , 2018, 24, 16977-16982.	3.3	16
28	A stable biocompatible porous coordination cage promotes in vivo liver tumor inhibition. <i>Nano Research</i> , 2021, 14, 3407-3415.	10.4	16
29	Triple-Stranded Cluster Helicates for the Selective Catalytic Oxidation of C-H Bonds. <i>Inorganic Chemistry</i> , 2016, 55, 10102-10105.	4.0	13
30	Superparamagnetic iron oxide-gold nanoparticles conjugated with porous coordination cages: Towards controlled drug release for non-invasive neuroregeneration. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 35, 102392.	3.3	13
31	Chiral Fluorescent Metal-Organic Framework with a Pentanuclear Copper Cluster as an Efficient Luminescent Probe for Dy ³⁺ Ion and Cyano Compounds. <i>Inorganic Chemistry</i> , 2021, 60, 15085-15090.	4.0	9
32	Iron(II) Immobilized within a Metal-Organic Framework Mixed-Matrix Membrane as a H ₂ O Turn-On Sensor. <i>Inorganic Chemistry</i> , 2022, 61, 3103-3110.	4.0	9
33	Enantioseparation in Hierarchically Porous Assemblies of Homochiral Cages. <i>ACS Central Science</i> , 2022, 8, 562-570.	11.3	8
34	Remote Impacts of Methyl Substituents on the Guest-Binding Ability of Self-Assembled Cages. <i>Chemistry - an Asian Journal</i> , 2014, 9, 1321-1328.	3.3	6
35	Metal-organic frameworks for capture and degradation of organic pollutants. , 2019, , 203-229.		6
36	Surface Charges of Porous Coordination Cage Tune the Catalytic Reactivity of Knoevenagel Condensation. <i>Catalysis Today</i> , 2021, , .	4.4	5

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37	Metal nanoparticles encapsulated within charge tunable porous coordination cages for hydrogen generation reaction. <i>Catalysis Today</i> , 2021, 374, 12-19.	4.4	4
38	Modulation versus Templating: Fine-tuning of Hierarchally Porous PCN-250 Using Fatty Acids To Engineer Guest Adsorption. <i>Angewandte Chemie</i> , 2019, 131, 12555-12560.	2.0	2
39	Cancer Nanotherapy: Investigating Subcellular Compartment Targeting Effect of Porous Coordination Cages for Enhancing Cancer Nanotherapy (<i>Small</i> 47/2018). <i>Small</i> , 2018, 14, 1870225.	10.0	0
40	SC ²⁺ Anion-Assisted Linker Exchange within a Three-Dimensional Cu(II)-Triazole Framework: A Luminescent Probe for S ²⁻ . <i>ACS Omega</i> , 2021, 6, 1266-1272.	3.5	0