

Yu Fang

List of Publications by Year in descending order

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40
papers

4,606
citations

304368

22
h-index

315357

38
g-index

42
all docs

42
docs citations

42
times ranked

6480
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.9	9
2	Enantioseparation in Hierarchically Porous Assemblies of Homochiral Cages. <i>ACS Central Science</i> , 2022, 8, 562-570.	5.3	8
3	Metal nanoparticles encapsulated within charge tunable porous coordination cages for hydrogen generation reaction. <i>Catalysis Today</i> , 2021, 374, 12-19.	2.2	4
4	A stable biocompatible porous coordination cage promotes in vivo liver tumor inhibition. <i>Nano Research</i> , 2021, 14, 3407-3415.	5.8	16
5	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.	1.7	13
6	Homochiral Dodecanuclear Lanthanide Cage for Enantioselective Separation. <i>Journal of the American Chemical Society</i> , 2021, 143, 12560-12566.	6.6	59
7	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.	1.9	9
8	SC-SC 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.	1.6	0
9	Surface Charges of Porous Coordination Cage Tune the Catalytic Reactivity of Knoevenagel Condensation. <i>Catalysis Today</i> , 2021, , .	2.2	5
10	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.	6.6	43
11	Biomedical Integration of Metal-Organic Frameworks. <i>Trends in Chemistry</i> , 2020, 2, 467-479.	4.4	66
12	Engineering a homochiral metal-organic framework based on an amino acid for enantioselective separation. <i>Chemical Communications</i> , 2020, 56, 9016-9019.	2.2	29
13	Metal-organic frameworks for capture and degradation of organic pollutants. , 2019, , 203-229.		6
14	Catalytic reactions within the cavity of coordination cages. <i>Chemical Society Reviews</i> , 2019, 48, 4707-4730.	18.7	313
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.	7.2	48
16	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.	1.6	2
17	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.	3.7	38
18	Formation of a Highly Reactive Cobalt Nanocluster Crystal within a Highly Negatively Charged Porous Coordination Cage. <i>Angewandte Chemie</i> , 2018, 130, 5381-5385.	1.6	55

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19	Retrosynthesis of multi-component metal-organic frameworks. <i>Nature Communications</i> , 2018, 9, 808.	5.8	159
20	Ultra-Small Face-Centered-Cubic Ru Nanoparticles Confined within a Porous Coordination Cage for Dehydrogenation. <i>Chem</i> , 2018, 4, 555-563.	5.8	116
21	Stable Metal-Organic Frameworks: Design, Synthesis, and Applications. <i>Advanced Materials</i> , 2018, 30, e1704303.	11.1	1,740
22	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.	7.2	85
23	Enzyme-MOF Nanoreactor Activates Nontoxic Paracetamol for Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5725-5730.	7.2	217
24	Enzyme-MOF Nanoreactor Activates Nontoxic Paracetamol for Cancer Therapy. <i>Angewandte Chemie</i> , 2018, 130, 5827-5832.	1.6	42
25	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.	5.2	0
26	Bottom-Up Assembly of a Highly Efficient Metal-Organic Framework for Cooperative Catalysis. <i>Inorganic Chemistry</i> , 2018, 57, 13912-13919.	1.9	22
27	Investigating Subcellular Compartment Targeting Effect of Porous Coordination Cages for Enhancing Cancer Nanotherapy. <i>Small</i> , 2018, 14, e1802709.	5.2	36
28	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.	11.1	55
29	Incorporating Heavy Alkanes in Metal-Organic Frameworks for Optimizing Adsorbed Natural Gas Capacity. <i>Chemistry - A European Journal</i> , 2018, 24, 16977-16982.	1.7	16
30	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.	6.6	31
31	Applications of Immobilized Bio-Catalyst in Metal-Organic Frameworks. <i>Catalysts</i> , 2018, 8, 166.	1.6	26
32	Suspension Processing of Microporous Metal-Organic Frameworks: A Scalable Route to High-Quality Adsorbents. <i>IScience</i> , 2018, 5, 30-37.	1.9	18
33	Enzyme-MOF (metal-organic framework) composites. <i>Chemical Society Reviews</i> , 2017, 46, 3386-3401.	18.7	1,049
34	PCN-250 under Pressure: Sequential Phase Transformation and the Implications for MOF Densification. <i>Joule</i> , 2017, 1, 806-815.	11.7	65
35	Triple-Stranded Cluster Helicates for the Selective Catalytic Oxidation of C-H Bonds. <i>Inorganic Chemistry</i> , 2016, 55, 10102-10105.	1.9	13
36	Cavity-promoted Diels-Alder Reactions of Unsubstituted Naphthalene: Fine Reactivity Tuning by Cavity Shrinkage. <i>Chemistry Letters</i> , 2015, 44, 1095-1097.	0.7	17

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37	Remote Impacts of Methyl Substituents on the Guestâ€Binding Ability of Selfâ€Assembled Cages. Chemistry - an Asian Journal, 2014, 9, 1321-1328.	1.7	6
38	Noncovalent Tailoring of the Binding Pocket of Self-Assembled Cages by Remote Bulky Ancillary Groups. Journal of the American Chemical Society, 2013, 135, 613-615.	6.6	61
39	Bottomâ€Up Assembly from a Helicate to Homochiral Microâ€and Mesoporous Metalâ€Organic Frameworks. Angewandte Chemie - International Edition, 2011, 50, 1154-1158.	7.2	77
40	Water clusters induced assembly of chiral organic microstructures showing reversible phase transformations and luminescence switching. Chemical Communications, 2010, 46, 2307.	2.2	18