Yu Fang

List of Publications by Year
in descending order

40	4,606	304368	315357
papers	citations	22 h-index	38 g-index

42	42	42	6480
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stable Metalâ€“Organic Frameworks: Design, Synthesis, and Applications. Advanced Materials, 2018, 30, e1704303.	11.1	1,740
2	Enzymeâ€“MOF (metalâ€“organic framework) composites. Chemical Society Reviews, 2017, 46, 3386-3401.	18.7	1,049
3	Catalytic reactions within the cavity of coordination cages. Chemical Society Reviews, 2019, 48, 4707-4730.	18.7	313
4	Enzymeâ€•MOF Nanoreactor Activates Nontoxic Paracetamol for Cancer Therapy. Angewandte Chemie - International Edition, 2018, 57, 5725-5730.	7.2	217
5	Retrosynthesis of multi-component metalâ^'organic frameworks. Nature Communications, 2018, 9, 808.	5.8	159
6	Ultra-Small Face-Centered-Cubic Ru Nanoparticles Confined within a Porous Coordination Cage for Dehydrogenation. CheM, 2018, 4, 555-563.	5.8	116
7	Formation of a Highly Reactive Cobalt Nanocluster Crystal within a Highly Negatively Charged Porous Coordination Cage. Angewandte Chemie - International Edition, 2018, 57, 5283-5287.	7.2	85
8	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
9	Biomedical Integration of Metalâ€“Organic Frameworks. Trends in Chemistry, 2020, 2, 467-479.	4.4	66
10	PCN-250 under Pressure: Sequential Phase Transformation and the Implications for MOF Densification. Joule, 2017, 1, 806-815.	11.7	65
11	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
12	Homochiral Dodecanuclear Lanthanide â€œCage in Cageâ€•for Enantioselective Separation. Journal of the American Chemical Society, 2021, 143, 12560-12566.	6.6	59
13	Formation of a Highly Reactive Cobalt Nanocluster Crystal within a Highly Negatively Charged Porous Coordination Cage. Angewandte Chemie, 2018, 130, 5381-5385.	1.6	55
14	Stable Metalâ€“Organic Frameworks: Stable Metalâ€“Organic Frameworks: Design, Synthesis, and Applications (Adv. Mater. 37/2018). Advanced Materials, 2018, 30, 1870277.	11.1	55
15	Modulation versus Templating: Fineâ€Tuning of Hierarchally Porous PCNâ€250 Using Fatty Acids To Engineer Guest Adsorption. Angewandte Chemie - International Edition, 2019, 58, 12425-12430.	7.2	48
16	Transformation of Nonporous Adaptive Pillar[4]arene[1]quinone Crystals into Fluorescent Crystals via Multi-Step Solidâ€“Vapor Postsynthetic Modification for Fluorescence Turn-on Sensing of Ethylenediamine. Journal of the American Chemical Society, 2020, 142, 15560-15568.	6.6	43
17	Enzymeâ€•MOF Nanoreactor Activates Nontoxic Paracetamol for Cancer Therapy. Angewandte Chemie, 2018, 130, 5827-5832.	1.6	42
18	Bimolecular proximity of a ruthenium complex and methylene blue within an anionic porous coordination cage for enhancing photocatalytic activity. Chemical Science, 2019, 10, 3529-3534.	3.7	38

#	Article	IF	Citations
19	Investigating Subcellular Compartment Targeting Effect of Porous Coordination Cages for Enhancing Cancer Nanotherapy. Small, 2018, 14, e1802709.	5.2	36
20	Harnessing Structural Dynamics in a 2D Manganeseâ€“Benzoquinoid Framework To Dramatically Accelerate Metal Transport in Diffusion-Limited Metal Exchange Reactions. Journal of the American Chemical Society, 2018, 140, 11444-11453.	6.6	31
21	Engineering a homochiral metalâ€“organic framework based on an amino acid for enantioselective separation. Chemical Communications, 2020, 56, 9016-9019.	2.2	29
22	Applications of Immobilized Bio-Catalyst in Metal-Organic Frameworks. Catalysts, 2018, 8, 166.	1.6	26
23	Bottom-Up Assembly of a Highly Efficient Metalâ€“Organic Framework for Cooperative Catalysis. Inorganic Chemistry, 2018, 57, 13912-13919.	1.9	22
24	Water clusters induced assembly of chiral organic microstructures showing reversible phase transformations and luminescence switching. Chemical Communications, 2010, 46, 2307.	2.2	18
25	Suspension Processing of Microporous Metal-Organic Frameworks: A Scalable Route to High-Quality Adsorbents. IScience, 2018, 5, 30-37.	1.9	18
26	Cavity-promoted Dielsâ€“Alder Reactions of Unsubstituted Naphthalene: Fine Reactivity Tuning by Cavity Shrinkage. Chemistry Letters, 2015, 44, 1095-1097.	0.7	17
27	Incorporating Heavy Alkanes in Metalâ€“Organic Frameworks for Optimizing Adsorbed Natural Gas Capacity. Chemistry - A European Journal, 2018, 24, 16977-16982.	1.7	16
28	A stable biocompatible porous coordination cage promotes in vivo liver tumor inhibition. Nano Research, 2021, 14, 3407-3415.	5.8	16
29	Triple-Stranded Cluster Helicates for the Selective Catalytic Oxidation of Câ€“H Bonds. Inorganic Chemistry, 2016, 55, 10102-10105.	1.9	13
30	Superparamagnetic iron oxideâ€“gold nanoparticles conjugated with porous coordination cages: Towards controlled drug release for non-invasive neuroregeneration. Nanomedicine: Nanotechnology, Biology, and Medicine, 2021, 35, 102392.	1.7	13
31	Chiral Fluorescent Metalâ€“Organic Framework with a Pentanuclear Copper Cluster as an Efficient Luminescent Probe for Dy³⁺ Ion and Cyano Compounds. Inorganic Chemistry, 2021, 60, 15085-15090.	1.9	9
32	Iron(II) Immobilized within a Metalâ€“Organic Framework Mixed-Matrix Membrane as a H₂O₂ Turn-On Sensor. Inorganic Chemistry, 2022, 61, 3103-3110.	1.9	9
33	Enantioseparation in Hierarchically Porous Assemblies of Homochiral Cages. ACS Central Science, 2022, 8, 562-570.	5.3	8
34	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
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. Catalysis Today, 2021, , .	2.2	5

#	Article	IF	Citations
37	Metal nanoparticles encapsulated within charge tunable porous coordination cages for hydrogen generation reaction. Catalysis Today, 2021, 374, 12-19.	2.2	4
38	Modulation versus Templating: Fineâ€Tuning of Hierarchally Porous PCNâ€250 Using Fatty Acids To Engineer Guest Adsorption. Angewandte Chemie, 2019, 131, 12555-12560.	1.6	2
39	Cancer Nanotherapy: Investigating Subcellular Compartment Targeting Effect of Porous Coordination Cages for Enhancing Cancer Nanotherapy (Small 47/2018). Small, 2018, 14, 1870225.	5.2	0
40	SCâ€“SC Anion-Assisted Linker Exchange within a Three-Dimensional Cu(II)-Triazole Framework: A Luminescent Probe for S^{2â€“}. ACS Omega, 2021, 6, 1266-1272.	1.6	0