

Xiaokun Pei

List of Publications by Citations

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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.

20
papers

1,549
citations

17
h-index

26
g-index

26
ext. papers

2,147
ext. citations

14.8
avg, IF

4.97
L-index

#	Paper	IF	Citations
20	Highly Active and Stable Single-Atom Cu Catalysts Supported by a Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2019 , 141, 5201-5210	16.4	219
19	Bioinspired Metal-Organic Framework Catalysts for Selective Methane Oxidation to Methanol. <i>Journal of the American Chemical Society</i> , 2018 , 140, 18208-18216	16.4	176
18	Crystalline Dioxin-Linked Covalent Organic Frameworks from Irreversible Reactions. <i>Journal of the American Chemical Society</i> , 2018 , 140, 12715-12719	16.4	171
17	A Solvent-Free Hot-Pressing Method for Preparing Metal-Organic-Framework Coatings. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 3419-23	16.4	160
16	Shaping of Metal-Organic Frameworks: From Fluid to Shaped Bodies and Robust Foams. <i>Journal of the American Chemical Society</i> , 2016 , 138, 10810-3	16.4	129
15	A Metal-Organic Framework of Organic Vertices and Polyoxometalate Linkers as a Solid-State Electrolyte. <i>Journal of the American Chemical Society</i> , 2019 , 141, 17522-17526	16.4	124
14	Three-Dimensional Phthalocyanine Metal-Catecholates for High Electrochemical Carbon Dioxide Reduction. <i>Journal of the American Chemical Society</i> , 2019 , 141, 17081-17085	16.4	99
13	Urea-Linked Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2018 , 140, 16438-16441	16.4	87
12	Water Purification: Adsorption over Metal-Organic Frameworks. <i>Chinese Journal of Chemistry</i> , 2016 , 34, 175-185	4.9	85
11	Linking Molybdenum-Sulfur Clusters for Electrocatalytic Hydrogen Evolution. <i>Journal of the American Chemical Society</i> , 2018 , 140, 13618-13622	16.4	57
10	Multistep Solid-State Organic Synthesis of Carbamate-Linked Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2019 , 141, 11253-11258	16.4	51
9	Evolution of water structures in metal-organic frameworks for improved atmospheric water harvesting. <i>Science</i> , 2021 , 374, 454-459	33.3	47
8	Metal-Organic Frameworks Derived Porous Carbons: Syntheses, Porosity and Gas Sorption Properties. <i>Chinese Journal of Chemistry</i> , 2016 , 34, 157-174	4.9	29
7	Coordinative Alignment in the Pores of MOFs for the Structural Determination of N-, S-, and P-Containing Organic Compounds Including Complex Chiral Molecules. <i>Journal of the American Chemical Society</i> , 2019 , 141, 18862-18869	16.4	28
6	Architectural Stabilization of a Gold(III) Catalyst in Metal-Organic Frameworks. <i>Chem</i> , 2020 , 6, 142-152	16.2	19
5	A Tale of Copper Coordination Frameworks: Controlled Single-Crystal-to-Single-Crystal Transformations and Their Catalytic C-H Bond Activation Properties. <i>Chemistry - A European Journal</i> , 2015 , 21, 13894-9	4.8	18
4	A Solvent-Free Hot-Pressing Method for Preparing Metal-Organic-Framework Coatings. <i>Angewandte Chemie</i> , 2016 , 128, 3480-3484	3.6	17

3	Carbon Dioxide Capture Chemistry of Amino Acid Functionalized Metal-Organic Frameworks in Humid Flue Gas.. <i>Journal of the American Chemical Society</i> , 2022 ,	16.4	15
2	Casting Nanoporous Platinum in Metal-Organic Frameworks. <i>Advanced Materials</i> , 2019 , 31, e1807553	24	8
1	Entanglement of Square Nets in Covalent Organic Frameworks.. <i>Journal of the American Chemical Society</i> , 2022 ,	16.4	2