

# Xiaokun Pei

## 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.

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	Carbon Dioxide Capture Chemistry of Amino Acid Functionalized Metal-Organic Frameworks in Humid Flue Gas.. <i>Journal of the American Chemical Society</i> , <b>2022</b> ,	16.4	15
19	Entanglement of Square Nets in Covalent Organic Frameworks.. <i>Journal of the American Chemical Society</i> , <b>2022</b> ,	16.4	2
18	Evolution of water structures in metal-organic frameworks for improved atmospheric water harvesting. <i>Science</i> , <b>2021</b> , 374, 454-459	33.3	47
17	Architectural Stabilization of a Gold(III) Catalyst in Metal-Organic Frameworks. <i>Chem</i> , <b>2020</b> , 6, 142-152	16.2	19
16	Casting Nanoporous Platinum in Metal-Organic Frameworks. <i>Advanced Materials</i> , <b>2019</b> , 31, e1807553	24	8
15	Multistep Solid-State Organic Synthesis of Carbamate-Linked Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 11253-11258	16.4	51
14	Highly Active and Stable Single-Atom Cu Catalysts Supported by a Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 5201-5210	16.4	219
13	Three-Dimensional Phthalocyanine Metal-Catecholates for High Electrochemical Carbon Dioxide Reduction. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 17081-17085	16.4	99
12	A Metal-Organic Framework of Organic Vertices and Polyoxometalate Linkers as a Solid-State Electrolyte. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 17522-17526	16.4	124
11	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> , <b>2019</b> , 141, 18862-18869	16.4	28
10	Urea-Linked Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 16438-16441	16.4	87
9	Bioinspired Metal-Organic Framework Catalysts for Selective Methane Oxidation to Methanol. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 18208-18216	16.4	176
8	Crystalline Dioxin-Linked Covalent Organic Frameworks from Irreversible Reactions. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 12715-12719	16.4	171
7	Linking Molybdenum-Sulfur Clusters for Electrocatalytic Hydrogen Evolution. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 13618-13622	16.4	57
6	Water Purification: Adsorption over Metal-Organic Frameworks. <i>Chinese Journal of Chemistry</i> , <b>2016</b> , 34, 175-185	4.9	85
5	A Solvent-Free Hot-Pressing Method for Preparing Metal-Organic-Framework Coatings. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 3480-3484	3.6	17
4	A Solvent-Free Hot-Pressing Method for Preparing Metal-Organic-Framework Coatings. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 3419-23	16.4	160

3	Metal-Organic Frameworks Derived Porous Carbons: Syntheses, Porosity and Gas Sorption Properties. <i>Chinese Journal of Chemistry</i> , <b>2016</b> , 34, 157-174	4.9	29
2	Shaping of Metal-Organic Frameworks: From Fluid to Shaped Bodies and Robust Foams. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 10810-3	16.4	129
1	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> , <b>2015</b> , 21, 13894-9	4.8	18