

Daniel T Sun

List of Publications by Year in descending order

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16
papers

1,308
citations

567281

15
h-index

888059

17
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17
docs citations

17
times ranked

1907
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid, Selective Heavy Metal Removal from Water by a Metal-Organic Framework/Polydopamine Composite. <i>ACS Central Science</i> , 2018, 4, 349-356.	11.3	311
2	Rapid, Selective Extraction of Trace Amounts of Gold from Complex Water Mixtures with a Metal-Organic Framework (MOF)/Polymer Composite. <i>Journal of the American Chemical Society</i> , 2018, 140, 16697-16703.	13.7	195
3	Preparation of Highly Porous Metal-Organic Framework Beads for Metal Extraction from Liquid Streams. <i>Journal of the American Chemical Society</i> , 2020, 142, 13415-13425.	13.7	123
4	A new post-synthetic polymerization strategy makes metal-organic frameworks more stable. <i>Chemical Science</i> , 2019, 10, 4542-4549.	7.4	112
5	Enhancing MOF performance through the introduction of polymer guests. <i>Coordination Chemistry Reviews</i> , 2021, 427, 213525.	18.8	109
6	MOF-Derived Cobalt Phosphide/Carbon Nanocubes for Selective Hydrogenation of Nitroarenes to Anilines. <i>Chemistry - A European Journal</i> , 2018, 24, 4234-4238.	3.3	73
7	A novel integrated Cr(VI) adsorption-photoreduction system using MOF@polymer composite beads. <i>Journal of Materials Chemistry A</i> , 2020, 8, 9629-9637.	10.3	64
8	Efficient reductive amination of HMF with well dispersed Pd nanoparticles immobilized in a porous MOF/polymer composite. <i>Green Chemistry</i> , 2020, 22, 368-378.	9.0	58
9	Understanding the Formation Mechanism of Metal Nanocrystal@MOF-74 Hybrids. <i>Chemistry of Materials</i> , 2016, 28, 3839-3849.	6.7	50
10	Using Predefined $M_3(\mu_3-O)_4$ Clusters as Building Blocks for an Isostructural Series of Metal-Organic Frameworks. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 23957-23966.	8.0	43
11	Metal-Organic Framework-Derived Co_3S_4 Hollow Nanoboxes for the Selective Reduction of Nitroarenes. <i>ChemSusChem</i> , 2018, 11, 3131-3138.	6.8	40
12	Lead Sequestration from Perovskite Solar Cells Using a Metal-Organic Framework Polymer Composite. <i>Energy Technology</i> , 2020, 8, 2000239.	3.8	35
13	MOF/polymer composite synthesized using a double solvent method offers enhanced water and CO_2 adsorption properties. <i>Chemical Communications</i> , 2018, 54, 10602-10605.	4.1	33
14	A metal-organic framework/polymer derived catalyst containing single-atom nickel species for electrocatalysis. <i>Chemical Science</i> , 2020, 11, 10991-10997.	7.4	32
15	An Investigation into the Intrinsic Peroxidase-Like Activity of Fe-MOFs and Fe-MOFs/Polymer Composites. <i>Advanced Materials Technologies</i> , 2021, 6, 2001048.	5.8	27
16	Mystical Material Might Help Solve Global Energy Problems. <i>ACS Central Science</i> , 2019, 5, 1307-1309.	11.3	2