

Stephanie Jensen

List of Publications by Year in descending order

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17
papers

834
citations

840776
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times ranked

1277
citing authors

#	ARTICLE	IF	CITATIONS
1	Topologically guided tuning of Zr-MOF pore structures for highly selective separation of C6 alkane isomers. <i>Nature Communications</i> , 2018, 9, 1745.	12.8	251
2	Capture of organic iodides from nuclear waste by metal-organic framework-based molecular traps. <i>Nature Communications</i> , 2017, 8, 485.	12.8	171
3	Blending Ionic and Coordinate Bonds in Hybrid Semiconductor Materials: A General Approach toward Robust and Solution-Processable Covalent/Coordinate Network Structures. <i>Journal of the American Chemical Society</i> , 2020, 142, 4242-4253.	13.7	72
4	Crystallizing Atomic Xenon in a Flexible MOF to Probe and Understand Its Temperature-Dependent Breathing Behavior and Unusual Gas Adsorption Phenomenon. <i>Journal of the American Chemical Society</i> , 2020, 142, 20088-20097.	13.7	62
5	Quenching of photoluminescence in a Zn-MOF sensor by nitroaromatic molecules. <i>Journal of Materials Chemistry C</i> , 2019, 7, 2625-2632.	5.5	54
6	Modulation of Water Vapor Sorption by a Fourth-Generation Metal-Organic Material with a Rigid Framework and Self-Switching Pores. <i>Journal of the American Chemical Society</i> , 2018, 140, 12545-12552.	13.7	42
7	High stability of ultra-small and isolated gold nanoparticles in metal-organic framework materials. <i>Journal of Materials Chemistry A</i> , 2019, 7, 17536-17546.	10.3	41
8	Porous Ti-MOF-74 Framework as a Strong-Binding Nitric Oxide Scavenger. <i>Journal of the American Chemical Society</i> , 2020, 142, 16562-16568.	13.7	27
9	Role of Hydrogen Bonding on Transport of Coadsorbed Gases in Metal-Organic Frameworks Materials. <i>Journal of the American Chemical Society</i> , 2018, 140, 856-859.	13.7	26
10	A switchable sensor and scavenger: detection and removal of fluorinated chemical species by a luminescent metal-organic framework. <i>Chemical Science</i> , 2021, 12, 14189-14197.	7.4	26
11	Structure-Driven Photoluminescence Enhancement in a Zn-Based Metal-Organic Framework. <i>Chemistry of Materials</i> , 2019, 31, 7933-7940.	6.7	21
12	Fluorescent Detection of Carbon Disulfide by a Highly Emissive and Robust Isoreticular Series of Zr-Based Luminescent Metal Organic Frameworks (LMOFs). <i>Chemistry</i> , 2021, 3, 327-337.	2.2	11
13	Controlling Chemical Reactions in Confined Environments: Water Dissociation in MOF-74. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 270.	2.5	10
14	Identifying the Gate-Opening Mechanism in the Flexible Metal-Organic Framework UTSA-300. <i>Inorganic Chemistry</i> , 2022, 61, 5025-5032.	4.0	9
15	Thermally Activated Adsorption in Metal-Organic Frameworks with a Temperature-Tunable Diffusion Barrier Layer. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18468-18472.	13.8	8
16	Decoding the Gate Opening Mechanism of the Flexible Framework RPM3-Zn upon Hydrocarbon Inclusion. <i>Chemistry of Materials</i> , 2022, 34, 3246-3252.	6.7	3
17	Thermally Activated Adsorption in Metal-Organic Frameworks with a Temperature-Tunable Diffusion Barrier Layer. <i>Angewandte Chemie</i> , 2020, 132, 18626-18630.	2.0	0