Stephanie Jensen

List of Publications by Year
in descending order

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17	834	840776 11	940533 16
papers	citations	h-index	g-index

17	17	17	1277
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identifying the Gate-Opening Mechanism in the Flexible Metalâ€“Organic Framework UTSA-300. Inorganic Chemistry, 2022, 61, 5025-5032.	4.0	9
2	Decoding the Gate Opening Mechanism of the Flexible Framework RPM3â€“Zn upon Hydrocarbon Inclusion. Chemistry of Materials, 2022, 34, 3246-3252.	6.7	3
3	Fluorescent Detection of Carbon Disulfide by a Highly Emissive and Robust Isoreticular Series of Zr-Based Luminescent Metal Organic Frameworks (LMOFs). Chemistry, 2021, 3, 327-337.	2.2	11
4	A switchable sensor and scavenger: detection and removal of fluorinated chemical species by a luminescent metalâ€“organic framework. Chemical Science, 2021, 12, 14189-14197.	7.4	26
5	Crystallizing Atomic Xenon in a Flexible MOF to Probe and Understand Its Temperature-Dependent Breathing Behavior and Unusual Gas Adsorption Phenomenon. Journal of the American Chemical Society, 2020, 142, 20088-20097.	13.7	62
6	Porous Ti-MOF-74 Framework as a Strong-Binding Nitric Oxide Scavenger. Journal of the American Chemical Society, 2020, 142, 16562-16568.	13.7	27
7	Thermally Activated Adsorption in Metalâ€“Organic Frameworks with a Temperatureâ€Tunable Diffusion Barrier Layer. Angewandte Chemie - International Edition, 2020, 59, 18468-18472.	13.8	8
8	Thermally Activated Adsorption in Metalâ€“Organic Frameworks with a Temperatureâ€Tunable Diffusion Barrier Layer. Angewandte Chemie, 2020, 132, 18626-18630.	2.0	0
9	Blending Ionic and Coordinate Bonds in Hybrid Semiconductor Materials: A General Approach toward Robust and Solution-Processable Covalent/Coordinate Network Structures. Journal of the American Chemical Society, 2020, 142, 4242-4253.	13.7	72
10	High stability of ultra-small and isolated gold nanoparticles in metalâ€“organic framework materials. Journal of Materials Chemistry A, 2019, 7, 17536-17546.	10.3	41
11	Structure-Driven Photoluminescence Enhancement in a Zn-Based Metalâ€“Organic Framework. Chemistry of Materials, 2019, 31, 7933-7940.	6.7	21
12	Quenching of photoluminescence in a Zn-MOF sensor by nitroaromatic molecules. Journal of Materials Chemistry C, 2019, 7, 2625-2632.	5.5	54
13	Role of Hydrogen Bonding on Transport of Coadsorbed Gases in Metalâ€“Organic Frameworks Materials. Journal of the American Chemical Society, 2018, 140, 856-859.	13.7	26
14	Topologically guided tuning of Zr-MOF pore structures for highly selective separation of C6 alkane isomers. Nature Communications, 2018, 9, 1745.	12.8	251
15	Modulation of Water Vapor Sorption by a Fourth-Generation Metalâ€“Organic Material with a Rigid Framework and Self-Switching Pores. Journal of the American Chemical Society, 2018, 140, 12545-12552.	13.7	42
16	Controlling Chemical Reactions in Confined Environments: Water Dissociation in MOF-74. Applied Sciences (Switzerland), 2018, 8, 270.	2.5	10
17	Capture of organic iodides from nuclear waste by metal-organic framework-based molecular traps. Nature Communications, 2017, 8, 485.	12.8	171