Sudi Jawahery

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2370910/publications.pdf

Version: 2024-02-01

		1040056	1199594	
13	476	9	12	
papers	citations	h-index	g-index	
13	13	13	942	
all docs	docs citations	times ranked	citing authors	

#	Article	IF	CITATIONS
1	The Influence of Intrinsic Framework Flexibility on Adsorption in Nanoporous Materials. Journal of the American Chemical Society, 2017, 139, 5547-5557.	13.7	100
2	Preserving Porosity of Mesoporous Metal–Organic Frameworks through the Introduction of Polymer Guests. Journal of the American Chemical Society, 2019, 141, 12397-12405.	13.7	68
3	Unexpected Diffusion Anisotropy of Carbon Dioxide in the Metal–Organic Framework Zn ₂ (dobpdc). Journal of the American Chemical Society, 2018, 140, 1663-1673.	13.7	64
4	Acetylation within the First 17 Residues of Huntingtin Exon 1 Alters Aggregation and Lipid Binding. Biophysical Journal, 2016, 111, 349-362.	0.5	55
5	An experimental and computational study of CO2adsorption in the sodalite-type M-BTT (M = Cr, Mn, Fe,) Tj ETQq1	1.0.7843	14 rgBT /0\
6	Buffered Coordination Modulation as a Means of Controlling Crystal Morphology and Molecular Diffusion in an Anisotropic Metal–Organic Framework. Journal of the American Chemical Society, 2021, 143, 5044-5052.	13.7	35
7	Adsorbate-induced lattice deformation in IRMOF-74 series. Nature Communications, 2017, 8, 13945.	12.8	34
8	The Effects of Flanking Sequences in the Interaction of Polyglutamine Peptides with a Membrane Bilayer. Journal of Physical Chemistry B, 2014, 118, 6368-6379.	2.6	25
9	Translational and Rotational Motion of C8 Aromatics Adsorbed in Isotropic Porous Media (MOF-5): NMR Studies and MD Simulations. Journal of Physical Chemistry C, 2017, 121, 15456-15462.	3.1	25
10	Communication: Relationship between solute localization and diffusion in a dynamically constrained polymer system. Journal of Chemical Physics, 2016, 145, 031106.	3.0	9
11	Ab Initio Flexible Force Field for Metal–Organic Frameworks Using Dummy Model Coordination Bonds. Journal of Chemical Theory and Computation, 2019, 15, 3666-3677.	5.3	9
12	Thermophysical Model for Online Optimization and Control of the Electric Arc Furnace. Metals, 2021, 11, 1587.	2.3	9
13	Length and Sequence Dependence in the Association of Htt Protein with Lipid Bilayers. Biophysical Journal, 2013, 104, 431a.	0.5	O