

Sudi Jawahery

List of Publications by Year in descending order

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13
papers

476
citations

1040056

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docs citations

13
times ranked

942
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Thermophysical Model for Online Optimization and Control of the Electric Arc Furnace. Metals, 2021, 11, 1587.	2.3	9
3	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
4	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
5	An experimental and computational study of CO ₂ adsorption in the sodalite-type M-BTT (M = Cr, Mn, Fe). Journal of Physical Chemistry C, 2017, 121, 15456-15462.	7.4	43
6	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
7	Adsorbate-induced lattice deformation in IRMOF-74 series. Nature Communications, 2017, 8, 13945.	12.8	34
8	Translational and Rotational Motion of C ₈ 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
9	The Influence of Intrinsic Framework Flexibility on Adsorption in Nanoporous Materials. Journal of the American Chemical Society, 2017, 139, 5547-5557.	13.7	100
10	Acetylation within the First 17 Residues of Huntingtin Exon 1 Alters Aggregation and Lipid Binding. Biophysical Journal, 2016, 111, 349-362.	0.5	55
11	Communication: Relationship between solute localization and diffusion in a dynamically constrained polymer system. Journal of Chemical Physics, 2016, 145, 031106.	3.0	9
12	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
13	Length and Sequence Dependence in the Association of Htt Protein with Lipid Bilayers. Biophysical Journal, 2013, 104, 431a.	0.5	0