

Haoyan Sha

List of Publications by Year in descending order

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Version: 2024-02-01

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933447

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664
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface Pore Engineering of Covalent Organic Frameworks for Ammonia Capture through Synergistic Multivariate and Open Metal Site Approaches. ACS Central Science, 2018, 4, 748-754.	11.3	163
2	Constructing an Ion Pathway for Uranium Extraction from Seawater. Chem, 2020, 6, 1683-1691.	11.7	104
3	A Molecular Coordination Template Strategy for Designing Selective Porous Aromatic Framework Materials for Uranyl Capture. ACS Central Science, 2019, 5, 1432-1439.	11.3	86
4	Molecular simulation of adsorption and separation of pure noble gases and noble gas mixtures on single wall carbon nanotubes. Computational Materials Science, 2016, 114, 160-166.	3.0	23
5	Porous Organic Frameworks Featured by Distinct Confining Fields for the Selective Hydrogenation of Biomass-Derived Ketones. Advanced Materials, 2020, 32, e1908243.	21.0	22
6	Porous Aromatic Framework Nanosheets Anchored with Lewis Pairs for Efficient and Recyclable Heterogeneous Catalysis. Advanced Science, 2020, 7, 2000067.	11.2	22
7	A quantum chemistry study of curvature effects on boron nitride nanotubes/nanosheets for gas adsorption. Physical Chemistry Chemical Physics, 2016, 18, 19944-19949.	2.8	19
8	Large-scale fabrication of nanodimple arrays for surface-enhanced Raman scattering. Physical Chemistry Chemical Physics, 2013, 15, 12680.	2.8	14
9	Molecular investigation of gas adsorption, separation, and transport on carbon nanoscrolls: A combined grand canonical Monte Carlo and molecular dynamics study. Carbon, 2018, 132, 401-410.	10.3	13
10	Microwave Assisted Hydrothermal Way Towards Highly Crystallized N-Doped Carbon Quantum Dots and Their Oxygen Reduction Performance. Chemical Research in Chinese Universities, 2019, 35, 171-178.	2.6	13
11	Molecular simulation study of aluminum-noble gas interfacial thermal accommodation coefficients. AIChE Journal, 2018, 64, 338-345.	3.6	11
12	Atomistic modeling of La ³⁺ doping segregation effect on nanocrystalline yttria-stabilized zirconia. Physical Chemistry Chemical Physics, 2018, 20, 13215-13223.	2.8	8
13	Computational and Experimental Studies on Novel Materials for Fission Gas Capture. Minerals, Metals and Materials Series, 2019, , 1039-1050.	0.4	0
14	Computational and Experimental Studies on Novel Materials for Fission Gas Capture. Minerals, Metals and Materials Series, 2018, , 1039-1050.	0.4	0