

Shanshan Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5931816/publications.pdf>

Version: 2024-02-01

18
papers

191
citations

1163117

8
h-index

1125743

13
g-index

18
all docs

18
docs citations

18
times ranked

224
citing authors

#	ARTICLE	IF	CITATIONS
1	A mini-review on the modeling of volatile organic compound adsorption in activated carbons: Equilibrium, dynamics, and heat effects. Chinese Journal of Chemical Engineering, 2021, 31, 153-163.	3.5	20
2	A computational study of water in UiO-66 Zr-MOFs: Diffusion, hydrogen bonding network, and confinement effect. AIChE Journal, 2021, 67, e17035.	3.6	16
3	A Computational Study of Isopropyl Alcohol Adsorption and Diffusion in UiO-66 Metal-Organic Framework: The Role of Missing Linker Defect. Journal of Physical Chemistry B, 2021, 125, 3690-3699.	2.6	9
4	Molecular dynamics simulations on the water flux in different two-dimension materials. Molecular Simulation, 2020, 46, 689-698.	2.0	16
5	Energy-consumption analysis of carbon-based material for CO ₂ capture process. Fluid Phase Equilibria, 2020, 510, 112504.	2.5	3
6	Acetone adsorption on activated carbons: Roles of functional groups and humidity. Fluid Phase Equilibria, 2020, 521, 112645.	2.5	15
7	The effect of surface wrinkles on the properties of water in graphene slit pores. Molecular Simulation, 2020, 46, 604-615.	2.0	3
8	Atomistic Insights into the Layered Microstructure and Time-Dependent Stability of [BMIM][PF ₆] Confined within the Meso-Slit of Carbon. Journal of Physical Chemistry B, 2019, 123, 6857-6869.	2.6	12
9	Computational screening carbon-based adsorbents for CH ₄ delivery capacity. Fluid Phase Equilibria, 2019, 494, 184-191.	2.5	8
10	Comparison of Product Carbon Footprint Protocols: Case Study on Medium-Density Fiberboard in China. International Journal of Environmental Research and Public Health, 2018, 15, 2060.	2.6	20
11	Biomethane storage in activated carbons: a grand canonical Monte Carlo simulation study. Molecular Simulation, 2017, 43, 1142-1152.	2.0	3
12	Biogas upgrading using single-walled carbon nanotubes by molecular simulation. Molecular Simulation, 2017, 43, 1034-1044.	2.0	0
13	Contributions of China's Wood-Based Panels to CO ₂ Emission and Removal Implied by the Energy Consumption Standards. Forests, 2017, 8, 273.	2.1	8
14	Molecular Simulation Study of the Adsorption and Diffusion of a Mixture of CO ₂ /CH ₄ in Activated Carbon: Effect of Textural Properties and Surface Chemistry. Journal of Chemical & Engineering Data, 2016, 61, 4139-4147.	1.9	40
15	Adsorption of binary CO ₂ /CH ₄ mixtures using carbon nanotubes: Effects of confinement and surface functionalization. Separation Science and Technology, 2016, 51, 1079-1092.	2.5	4
16	Adsorption of N-Butane/I-Butane in Zeolites: Simulation and Theory Study. Separation Science and Technology, 2014, 49, 1215-1226.	2.5	6
17	Mass Transfer Behavior of Methane in Porous Carbon Materials. AIChE Journal, 0, , e17521.	3.6	3
18	From carbon neutral to climate neutral: Dynamic life cycle assessment for wood-based panels produced in China. Journal of Industrial Ecology, 0, , .	5.5	5