

Yuting Guo

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

280
citations

933447

10
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

146
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of deep learning for predicting the treatment performance of real municipal wastewater based on one-year operation of two anaerobic membrane bioreactors. <i>Science of the Total Environment</i> , 2022, 813, 151920.	8.0	18
2	Prediction of the adsorption properties of liquid at solid surfaces with molecular scale surface roughness via encoding-decoding convolutional neural networks. <i>Journal of Molecular Liquids</i> , 2022, 349, 118489.	4.9	12
3	Analysis of oxygen-containing species in coal tar by comprehensive two-dimensional GC ⁺ –GC-TOF and ESI FT-ICR mass spectrometry through a new subfraction separation method. <i>Journal of the Energy Institute</i> , 2022, 101, 209-220.	5.3	9
4	Prediction of nanoscale thermal transport and adsorption of liquid containing surfactant at solid–liquid interface via deep learning. <i>Journal of Colloid and Interface Science</i> , 2022, 613, 587-596.	9.4	17
5	Liquid-vapor two-phase flow in centrifugal pump: Cavitation, mass transfer, and impeller structure optimization. <i>Vacuum</i> , 2022, 201, 111102.	3.5	17
6	Insight into asphaltene transformation during coal tar hydrotreatment by conventional analysis and high-resolution Fourier transform mass spectrometry coupled with collision-induced dissociation technology. <i>Journal of the Energy Institute</i> , 2022, 103, 17-32.	5.3	3
7	Morphology Evolution and Adsorption Behavior of Ionomers from Solution to Pt/C Substrates. <i>Macromolecules</i> , 2022, 55, 4245-4255.	4.8	11
8	A molecular dynamics study of the effect of functional groups and side chain on adsorption of alcoholic surfactant and interfacial thermal transport. <i>Journal of Molecular Liquids</i> , 2021, 335, 116243.	4.9	20
9	Prediction of Cerebral Aneurysm Hemodynamics With Porous-Medium Models of Flow-Diverting Stents via Deep Learning. <i>Frontiers in Physiology</i> , 2021, 12, 733444.	2.8	18
10	Molecular Dynamics Study on the Effect of Long-Chain Surfactant Adsorption on Interfacial Heat Transfer between a Polymer Liquid and Silica Surface. <i>Journal of Physical Chemistry C</i> , 2020, 124, 27558-27570.	3.1	27
11	A molecular dynamics study on the effect of surfactant adsorption on heat transfer at a solid-liquid interface. <i>International Journal of Heat and Mass Transfer</i> , 2019, 135, 115-123.	4.8	43
12	A molecular dynamics study of heat transfer over an ultra-thin liquid film with surfactant between solid surfaces. <i>Journal of Applied Physics</i> , 2019, 126, .	2.5	17
13	Technical Progress and the Prospect of Low-Rank Coal Pyrolysis in China. <i>Energy Technology</i> , 2017, 5, 1897-1907.	3.8	68