Yuting Guo

List of Publications by Year
in descending order

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