Boyao Wen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9604211/publications.pdf

Version: 2024-02-01

13	368	1163117 8	1199594 12
papers	citations	h-index	g-index

13	13	13	447
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Application of nanoporous graphene membranes in natural gas processing: Molecular simulations of CH 4 /CO 2 , CH 4 /H 2 S and CH 4 /N 2 separation. Chemical Engineering Science, 2015, 138, 616-621.	3.8	122
2	Recent advances in nanoporous graphene membrane for gas separation and water purification. Science Bulletin, 2015, 60, 1807-1823.	9.0	96
3	Inhibition effect of a non-permeating component on gas permeability of nanoporous graphene membranes. Physical Chemistry Chemical Physics, 2015, 17, 23619-23626.	2.8	43
4	Ionic hydration-induced evolution of decaneâ€“water interfacial tension. Physical Chemistry Chemical Physics, 2017, 19, 14606-14614.	2.8	40
5	Nanoparticle-induced ion-sensitive reduction in decaneâ€“water interfacial tension. Physical Chemistry Chemical Physics, 2018, 20, 22796-22804.	2.8	14
6	Moving mechanisms of the three-phase contact line in a waterâ€“decaneâ€“silica system. RSC Advances, 2019, 9, 3092-3101.	3.6	12
7	Surfactant desorption and scission free energies for cylindrical and spherical micelles from umbrella-sampling molecular dynamics simulations. Journal of Colloid and Interface Science, 2021, 599, 773-784.	9.4	12
8	Molecular Dynamics Simulation of the Separation of CH₄/CO₂ by Nanoporous Graphene. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2015, 31, 261-267.	4.9	11
9	Evidence for water ridges at oilâ€“water interfaces: implications for ion transport. Soft Matter, 2020, 16, 826-832.	2.7	8
10	Effects of surface wettability on contact line motion in liquidâ€“liquid displacement. Physics of Fluids, 2021, 33, .	4.0	8
11	Effects of Molecular Chain Length on the Contact Line Movement in Water/n-Alkane/Solid Systems. Polymers, 2019, 11, 2081.	4.5	1
12	A hydrogen bond-modulated soft nanoscale water channel for ion transport through liquidâ€“liquid interfaces. Soft Matter, 2021, 17, 9736-9744.	2.7	1
13	PROBING MIGRATION OF IONS AT THE OIL-WATER INTERFACE. , 2018, , .		0