

Boyao Wen

List of Publications by Year in descending order

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13
papers

368
citations

1163117

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1199594

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docs citations

13
times ranked

447
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of surface wettability on contact line motion in liquid-liquid displacement. <i>Physics of Fluids</i> , 2021, 33, .	4.0	8
2	Surfactant desorption and scission free energies for cylindrical and spherical micelles from umbrella-sampling molecular dynamics simulations. <i>Journal of Colloid and Interface Science</i> , 2021, 599, 773-784.	9.4	12
3	A hydrogen bond-modulated soft nanoscale water channel for ion transport through liquid-liquid interfaces. <i>Soft Matter</i> , 2021, 17, 9736-9744.	2.7	1
4	Evidence for water ridges at oil-water interfaces: implications for ion transport. <i>Soft Matter</i> , 2020, 16, 826-832.	2.7	8
5	Moving mechanisms of the three-phase contact line in a water-decane-silica system. <i>RSC Advances</i> , 2019, 9, 3092-3101.	3.6	12
6	Effects of Molecular Chain Length on the Contact Line Movement in Water/n-Alkane/Solid Systems. <i>Polymers</i> , 2019, 11, 2081.	4.5	1
7	Nanoparticle-induced ion-sensitive reduction in decane-water interfacial tension. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 22796-22804.	2.8	14
8	PROBING MIGRATION OF IONS AT THE OIL-WATER INTERFACE. , 2018, , .		0
9	Ionic hydration-induced evolution of decane-water interfacial tension. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 14606-14614.	2.8	40
10	Molecular Dynamics Simulation of the Separation of CH_4/CO_2 by Nanoporous Graphene. <i>Wuli Huaxue Xuebao/Acta Physico-Chimica Sinica</i> , 2015, 31, 261-267.	4.9	11
11	Application of nanoporous graphene membranes in natural gas processing: Molecular simulations of CH_4/CO_2 , $\text{CH}_4/\text{H}_2\text{S}$ and CH_4/N_2 separation. <i>Chemical Engineering Science</i> , 2015, 138, 616-621.	3.8	122
12	Inhibition effect of a non-permeating component on gas permeability of nanoporous graphene membranes. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 23619-23626.	2.8	43
13	Recent advances in nanoporous graphene membrane for gas separation and water purification. <i>Science Bulletin</i> , 2015, 60, 1807-1823.	9.0	96