

Shuang Luo

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

140
citations

1162367

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1199166

12
g-index

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all docs

12
docs citations

12
times ranked

126
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular understanding of ion rejection in the freezing of aqueous solutions. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 13292-13299.	1.3	13
2	Size-Sensitive Thermoelectric Properties of Electrolyte-Based Nanofluidic Systems. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 1144-1149.	2.1	9
3	Coupling effects in electromechanical ion transport in graphene nanochannels. <i>Physical Review E</i> , 2020, 102, 033112.	0.8	10
4	Homogeneous Ice Nucleation Under Shear. <i>Journal of Physical Chemistry B</i> , 2020, 124, 3701-3708.	1.2	12
5	Ice Crystallization in Shear Flows. <i>Journal of Physical Chemistry C</i> , 2019, 123, 21042-21049.	1.5	9
6	Resolving the Apparent Line Tension of Sessile Droplets and Understanding its Sign Change at a Critical Wetting Angle. <i>Physical Review Letters</i> , 2019, 123, 094501.	2.9	19
7	Enhancing and Impeding Heterogeneous Ice Nucleation through Nanogrooves. <i>Journal of Physical Chemistry C</i> , 2018, 122, 25992-25998.	1.5	27
8	Lift forces on axial symmetry particles rotating in a linear shear flow of a rarefied gas. <i>Physics of Fluids</i> , 2018, 30, .	1.6	9
9	Shear lift forces on nanocylinders in the free molecule regime. <i>Journal of Fluid Mechanics</i> , 2018, 846, 392-410.	1.4	4
10	Thermophoretic force on nanocylinders in the free molecule regime. <i>Physical Review E</i> , 2017, 95, 033101.	0.8	11
11	Lift force on spherical nanoparticles in shear flows of rarefied binary gas mixtures. <i>Journal of Fluid Mechanics</i> , 2016, 809, 345-359.	1.4	5
12	Lift force on nanoparticles in shear flows of dilute gases: negative or positive?. <i>Journal of Fluid Mechanics</i> , 2016, 795, 443-454.	1.4	12