Runfeng Zhou

List of Publications by Year
in descending order

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11 papers	198 citations	1162367 8 h-index	1281420 11 g-index
11 all docs	11 docs citations	11 times ranked	110 citing authors

#	Article	IF	Citations
1	PVT properties and diffusion characteristics of H2O/H2/CO2 mixtures in graphite nanoslits. Chemical Physics Letters, 2022, 795, 139502.	1.2	4
2	Theoretical description of molecular permeation via surface diffusion through graphene nanopores. Physical Chemistry Chemical Physics, 2021, 23, 7057-7065.	1.3	7
3	Multilayer Graphene Sheet with Conical Nanopores as a Membrane for High-Permeance Molecular Separation. Journal of Physical Chemistry C, 2021, 125, 3047-3054.	1.5	11
4	Wall friction should be decoupled from fluid viscosity for the prediction of nanoscale flow. Journal of Chemical Physics, 2021, 154, 074709.	1.2	19
5	Extending the Classical Continuum Theory to Describe Water Flow through Two-Dimensional Nanopores. Langmuir, 2021, 37, 6158-6167.	1.6	13
6	Unveiling the hydroxyl-dependent viscosity of water in graphene oxide nanochannels via molecular dynamics simulations. Chemical Physics Letters, 2021, 778, 138808.	1.2	11
7	Specific Heat Capacity of Confined Water in Extremely Narrow Graphene Nanochannels. Frontiers in Energy Research, 2021, 9, .	1.2	8
8	Thermal conductivity of confined-water in graphene nanochannels. International Journal of Heat and Mass Transfer, 2020, 152, 119502.	2.5	31
9	Molecular Dynamics Study of Water Diffusivity in Graphene Nanochannels. International Journal of Thermophysics, 2020, 41, 1.	1.0	13
10	Nanoconfined Fluids: What Can We Expect from Them?. Journal of Physical Chemistry Letters, 2020, 11, 4678-4692.	2.1	71
11	Hierarchical thermal transport in nanoconfined water. Journal of Chemical Physics, 2020, 153, 234701.	1.2	10