Xianwen Meng

List of Publications by Year
in descending order

14 papers	67 citations	1684129 5 h-index	1588975 8 g-index
14 all docs	14 docs citations	14 times ranked	55 citing authors

#	Article	IF	Citations
1	Enhancement of water flow across a carbon nanotube. Molecular Simulation, 2016, 42, 215-219.	2.0	16
2	Tunable transport of a methane-water mixture through a carbon nanotube. Chemical Physics, 2022, 559, 111544.	1.9	8
3	Fast phase transition of water molecules in a defective carbon nanotube under an electric field. International Journal of Modern Physics B, 2016, 30, 1650019.	2.0	7
4	Reinforcing a water bridge in a disjoint nanochannel. Europhysics Letters, 2020, 131, 20003.	2.0	7
5	Distinct transport properties of O₂and CH₄across a carbon nanotube. Molecular Physics, 2013, 111, 1000-1004.	1.7	6
6	Molecular dynamics simulations of water permeation across a combined nanochannel. International Journal of Modern Physics B, 2018, 32, 1850278.	2.0	5
7	Transport between one dimensional disjoint nanochannels. Chemical Physics Letters, 2020, 739, 137029.	2.6	4
8	Reducing water transfer rate through a carbon nanotube efficiently: The role of a small nanogap. Chemical Physics Letters, 2022, 787, 139281.	2.6	4
9	Control water molecules across carbon-based nanochannels. Chinese Physics B, 2018, 27, 013101.	1.4	3
10	A controllable water transfer rate across a tandem carbon nanotube. International Journal of Modern Physics B, 2019, 33, 1950324.	2.0	2
11	Gases of driving methane out of a carbon nanotube. Journal of Physics Communications, 2020, 4, 015003.	1.2	2
12	Accelerating water transport through a disjoint nanochannel with a large nanogap. Physica E: Low-Dimensional Systems and Nanostructures, 2022, 135, 114980.	2.7	2
13	Unexpected effect of an empty cavity on water transport through a combined carbon nanotube. Europhysics Letters, 2021, 136, 66001.	2.0	1
14	Accelerating water wet-dry phase transitions in a one-dimensional carbon nanotube. Chemical Physics, 2021, 550, 111300.	1.9	0