Xiaolong He

List of Publications by Year
in descending order

9 papers	116 citations	1307594 7 h-index	1474206 9 g-index
9 all docs	9 docs citations	9 times ranked	35 citing authors

#	Article	IF	Citations
1	Thermal pseudo-potential lattice Boltzmann method for simulating cavitation bubbles collapse near a rigid boundary. Computers and Fluids, 2021, 217, 104817.	2.5	25
2	Dissolution process of a single bubble under pressure with a large-density-ratio multicomponent multiphase lattice Boltzmann model. Physical Review E, 2020, 102, 063306.	2.1	18
3	Study of cavitation bubble collapse near a rigid boundary with a multi-relaxation-time pseudo-potential lattice Boltzmann method. AIP Advances, 2020, 10, .	1.3	17
4	Cavitation bubble collapse between parallel rigid walls with the three-dimensional multi-relaxation time pseudopotential lattice Boltzmann method. AIP Advances, 2020, 10, .	1.3	16
5	Non-condensable gas bubble dissolution with a modified tunable surface tension multicomponent lattice Boltzmann model. Computers and Fluids, 2022, 233, 105252.	2.5	14
6	Study of droplet splashing on a liquid film with a tunable surface tension pseudopotential lattice Boltzmann method. AIP Advances, 2020, 10, .	1.3	10
7	Double droplet splashing on a thin liquid film with a pseudopotential lattice Boltzmann method. Engineering Applications of Computational Fluid Mechanics, 2021, 15, 964-984.	3.1	8
8	Droplet Impact on a Moving Thin Film with Pseudopotential Lattice Boltzmann Method. Mathematical Problems in Engineering, 2020, 2020, 1-15.	1.1	5
9	Surface roughness effect on a droplet impacting a thin film using pseudo-potential lattice Boltzmann method. AIP Advances, 2020, 10, 085312.	1.3	3