

Xiaolong He

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Non-condensable gas bubble dissolution with a modified tunable surface tension multicomponent lattice Boltzmann model. Computers and Fluids, 2022, 233, 105252.	2.5	14
2	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
3	Thermal pseudo-potential lattice Boltzmann method for simulating cavitation bubbles collapse near a rigid boundary. Computers and Fluids, 2021, 217, 104817.	2.5	25
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	Droplet Impact on a Moving Thin Film with Pseudopotential Lattice Boltzmann Method. Mathematical Problems in Engineering, 2020, 2020, 1-15.	1.1	5
6	Surface roughness effect on a droplet impacting a thin film using pseudo-potential lattice Boltzmann method. AIP Advances, 2020, 10, 085312.	1.3	3
7	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
8	Study of droplet splashing on a liquid film with a tunable surface tension pseudopotential lattice Boltzmann method. AIP Advances, 2020, 10, .	1.3	10
9	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