

Feng Chen

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

341
citations

1040056

9
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

135
citing authors

#	ARTICLE	IF	CITATIONS
1	Lattice Boltzmann modeling and simulation of compressible flows. <i>Frontiers of Physics</i> , 2012, 7, 582-600.	5.0	100
2	Multiple-relaxation-time lattice Boltzmann approach to compressible flows with flexible specific-heat ratio and Prandtl number. <i>Europhysics Letters</i> , 2010, 90, 54003.	2.0	68
3	Viscosity, heat conductivity, and Prandtl number effects in the Rayleigh-Taylor Instability. <i>Frontiers of Physics</i> , 2016, 11, 1.	5.0	42
4	Collaboration and competition between Richtmyer-Meshkov instability and Rayleigh-Taylor instability. <i>Physics of Fluids</i> , 2018, 30, .	4.0	38
5	Morphological and non-equilibrium analysis of coupled Rayleigh-Taylor-Kelvin-Helmholtz instability. <i>Physics of Fluids</i> , 2020, 32, .	4.0	27
6	Multiple-Relaxation-Time Lattice Boltzmann Approach to Richtmyer-Meshkov Instability. <i>Communications in Theoretical Physics</i> , 2011, 55, 325-334.	2.5	15
7	Effects of the initial perturbations on the Rayleigh-Taylor-Kelvin-Helmholtz instability system. <i>Frontiers of Physics</i> , 2022, 17, 1.	5.0	14
8	Two-dimensional MRT LB model for compressible and incompressible flows. <i>Frontiers of Physics</i> , 2014, 9, 246-254.	5.0	12
9	Flux Limiter Lattice Boltzmann for Compressible Flows. <i>Communications in Theoretical Physics</i> , 2011, 56, 333-338.	2.5	10
10	Non-equilibrium characteristics of mass and heat transfers in the slip flow. <i>AIP Advances</i> , 2022, 12, .	1.3	8
11	Discrete Boltzmann modeling of detonation: Based on the Shakhov model. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2023, 237, 2517-2531.	2.1	7