

# Feng Chen

## List of Publications by Year in descending order

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