

Liuming Yang

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

152
citations

1307594

7
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

108
citing authors

#	ARTICLE	IF	CITATIONS
1	Boundary conditions with adjustable slip length for the lattice Boltzmann simulation of liquid flow. Computers and Fluids, 2018, 174, 200-212.	2.5	31
2	Lattice Boltzmann simulations of liquid flows in microchannel with an improved slip boundary condition. Chemical Engineering Science, 2019, 202, 105-117.	3.8	27
3	An improved multiphase lattice Boltzmann flux solver for the simulation of incompressible flow with large density ratio and complex interface. Physics of Fluids, 2021, 33, 033306.	4.0	26
4	A mass-conserved fractional step axisymmetric lattice Boltzmann flux solver for incompressible multiphase flows with large density ratio. Physics of Fluids, 2020, 32, .	4.0	20
5	Influence of slip boundary on the hydrofoil with a curved slip boundary condition for the lattice Boltzmann method. Physics of Fluids, 2018, 30, 123601.	4.0	19
6	Analysis and assessment of the no-slip and slip boundary conditions for the discrete unified gas kinetic scheme. Physical Review E, 2020, 101, 023312.	2.1	15
7	A simplified lattice Boltzmann flux solver for multiphase flows with large density ratio. International Journal for Numerical Methods in Fluids, 2021, 93, 1895-1912.	1.6	8
8	A one-step simplified lattice Boltzmann method without evolution of distribution functions. International Journal for Numerical Methods in Fluids, 0, , .	1.6	3
9	Lattice Boltzmann study on drag reduction of a bluff body by slip boundary. Journal of Physics: Conference Series, 2019, 1300, 012036.	0.4	1
10	Improved simplified and highly stable lattice Boltzmann methods for incompressible flows. International Journal of Modern Physics C, 2021, 32, 2150077.	1.7	1
11	Lattice Boltzmann investigation of the influence of slip distributions on the flow past a diamond cylinder at low-Reynolds-number. Physics of Fluids, 2021, 33, 073611.	4.0	1