Liuming Yang

List of Publications by Year
in descending order

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	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
2	Improved simplified and highly stable lattice Boltzmann methods for incompressible flows. International Journal of Modern Physics C, 2021, 32, 2150077.	1.7	1
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	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
5	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
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	Lattice Boltzmann study on drag reduction of a bluff body by slip boundary. Journal of Physics: Conference Series, 2019, 1300, 012036.	0.4	1
8	Lattice Boltzmann simulations of liquid flows in microchannel with an improved slip boundary condition. Chemical Engineering Science, 2019, 202, 105-117.	3.8	27
9	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
10	Boundary conditions with adjustable slip length for the lattice Boltzmann simulation of liquid flow. Computers and Fluids, 2018, 174, 200-212.	2.5	31
11	A one-step simplified lattice Boltzmann method without evolution of distribution functions. International Journal for Numerical Methods in Fluids, 0, , .	1.6	3