

Yuan Gao

List of Publications by Year in descending order

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papers

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citations

2258059

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1872680

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g-index

8
all docs

8
docs citations

8
times ranked

30
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved simplified and highly stable lattice Boltzmann methods for incompressible flows. International Journal of Modern Physics C, 2021, 32, 2150077.	1.7	1
2	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
3	Lattice Boltzmann study of low-Reynolds-number flow past square cylinders with varying slip distributions. Ocean Engineering, 2021, 236, 109425.	4.3	5
4	Development of a coupled simplified lattice Boltzmann method for thermal flows. Computers and Fluids, 2021, 229, 105042.	2.5	11
5	Consistent Forcing Scheme in the Simplified Lattice Boltzmann Method for Incompressible Flows. Communications in Computational Physics, 2021, 30, 1427-1452.	1.7	1
6	Lattice Boltzmann study on drag reduction of a bluff body by slip boundary. Journal of Physics: Conference Series, 2019, 1300, 012036.	0.4	1
7	Lattice Boltzmann simulations of liquid flows in microchannel with an improved slip boundary condition. Chemical Engineering Science, 2019, 202, 105-117.	3.8	27
8	A one-step simplified lattice Boltzmann method without evolution of distribution functions. International Journal for Numerical Methods in Fluids, 0, , .	1.6	3