

Yuan Gao

List of Publications by Year in descending order

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8
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	Lattice Boltzmann simulations of liquid flows in microchannel with an improved slip boundary condition. <i>Chemical Engineering Science</i> , 2019, 202, 105-117.	3.8	27
2	Development of a coupled simplified lattice Boltzmann method for thermal flows. <i>Computers and Fluids</i> , 2021, 229, 105042.	2.5	11
3	Lattice Boltzmann study of low-Reynolds-number flow past square cylinders with varying slip distributions. <i>Ocean Engineering</i> , 2021, 236, 109425.	4.3	5
4	A one-step simplified lattice Boltzmann method without evolution of distribution functions. <i>International Journal for Numerical Methods in Fluids</i> , 0, , .	1.6	3
5	Lattice Boltzmann study on drag reduction of a bluff body by slip boundary. <i>Journal of Physics: Conference Series</i> , 2019, 1300, 012036.	0.4	1
6	Improved simplified and highly stable lattice Boltzmann methods for incompressible flows. <i>International Journal of Modern Physics C</i> , 2021, 32, 2150077.	1.7	1
7	Lattice Boltzmann investigation of the influence of slip distributions on the flow past a diamond cylinder at low-Reynolds-number. <i>Physics of Fluids</i> , 2021, 33, 073611.	4.0	1
8	Consistent Forcing Scheme in the Simplified Lattice Boltzmann Method for Incompressible Flows. <i>Communications in Computational Physics</i> , 2021, 30, 1427-1452.	1.7	1