

Deming Nie

List of Publications by Year in descending order

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25
papers

142
citations

1307594

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1199594

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g-index

25
all docs

25
docs citations

25
times ranked

86
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation of sedimentation of two spheres with different densities in a square tube. Journal of Fluid Mechanics, 2020, 896, .	3.4	21
2	Dynamics of two elliptical particles sedimentation in a vertical channel: chaotic state. International Journal of Computational Fluid Dynamics, 2011, 25, 401-406.	1.2	17
3	Study on boiling heat transfer in a shear flow through the lattice Boltzmann method. Physics of Fluids, 2021, 33, 043314.	4.0	15
4	Direct Numerical Simulation of Multiple Particles Sedimentation at an Intermediate Reynolds Number. Communications in Computational Physics, 2014, 16, 675-698.	1.7	13
5	Settling behavior of two particles with different densities in a vertical channel. Computers and Fluids, 2017, 156, 353-367.	2.5	13
6	A Lattice Boltzmann-Direct Forcing/Fictitious Domain Model for Brownian Particles in Fluctuating Fluids. Communications in Computational Physics, 2011, 9, 959-973.	1.7	12
7	Grouping behavior of coaxial settling particles in a narrow channel. Physical Review E, 2016, 93, 013114.	2.1	9
8	Long-time decay of the translational/rotational velocity autocorrelation function for colloidal particles in two dimensions. Computers and Mathematics With Applications, 2011, 61, 2152-2157.	2.7	8
9	Discontinuity in the sedimentation system with two particles having different densities in a vertical channel. Physical Review E, 2019, 99, 053112.	2.1	6
10	Interaction between two unequal particles at intermediate Reynolds numbers: A pattern of horizontal oscillatory motion. Physical Review E, 2021, 103, 013105.	2.1	6
11	Direct numerical simulations of the decaying turbulence in rotating flows via the MRT-lattice Boltzmann method. International Journal of Computational Fluid Dynamics, 2013, 27, 173-183.	1.2	5
12	Research on gas bubble merging through the lattice Boltzmann method. Journal of Computational Methods in Sciences and Engineering, 2016, 16, 99-109.	0.2	3
13	Lattice Boltzmann Simulation of Multiple Bubbles Motion under Gravity. Abstract and Applied Analysis, 2015, 2015, 1-12.	0.7	2
14	Computer Simulation of Three Particles Sedimentation in a Narrow Channel. Mathematical Problems in Engineering, 2017, 2017, 1-11.	1.1	2
15	Numerical Simulation of Particle Motion in a Curved Channel. IOP Conference Series: Materials Science and Engineering, 2018, 301, 012088.	0.6	2
16	Two-Dimensional Numerical Study on the Migration of Particle in a Serpentine Channel. Journal of Nanotechnology, 2018, 2018, 1-10.	3.4	2
17	Lattice Boltzmann simulation of viscoelastic flow past a confined free rotating cylinder. Modern Physics Letters B, 2018, 32, 1840023.	1.9	1
18	Lattice boltzmann simulation of boiling heat transfer in a shear flow. Thermal Science, 2020, 24, 277-284.	1.1	1

#	ARTICLE	IF	CITATIONS
19	Numerical study on the boiling heat transfer induced by two heated plates. Thermal Science, 2020, 24, 257-265.	1.1	1
20	Sedimentation of two spheres in a square tube. Thermal Science, 2021, 25, 373-378.	1.1	1
21	Study on the interactions between two light particles rising in a vertical channel. Thermal Science, 2021, 25, 367-372.	1.1	1
22	Lattice boltzmann simulation of boiling heat transfer in a shear flow. Thermal Science, 2020, 24, 277-284.	1.1	1
23	Sedimentation of two unequal spheres in a square tube at low Reynolds numbers. IOP Conference Series: Earth and Environmental Science, 2021, 692, 042033.	0.3	0
24	Study on the behavior of a light sphere rising in a square tube using the lattice Boltzmann method. Journal of Physics: Conference Series, 2020, 1707, 012013.	0.4	0
25	Numerical study on the boiling heat transfer induced by two heated plates. Thermal Science, 2020, 24, 257-265.	1.1	0