

Fanlong Meng

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

545
citations

1163117

8
h-index

1588992

8
g-index

12
all docs

12
docs citations

12
times ranked

384
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical analysis on the performance of solar chimney power plant system. Energy Conversion and Management, 2011, 52, 876-883.	9.2	148
2	A comparative study of PCM melting process in a heat pipe-assisted LHTES unit enhanced with nanoparticles and metal foams by immersed boundary-lattice Boltzmann method at pore-scale. International Journal of Heat and Mass Transfer, 2018, 121, 1214-1228.	4.8	116
3	CFD analysis for solar chimney power plants. Solar Energy, 2013, 98, 12-22.	6.1	104
4	Chimney shape numerical study for solar chimney power generating systems. International Journal of Energy Research, 2013, 37, 310-322.	4.5	81
5	Analysis of output power smoothing method of the solar chimney power generating system. International Journal of Energy Research, 2013, 37, 1657-1668.	4.5	29
6	Cell transport and suspension in high conductivity electrothermal flow with negative dielectrophoresis by immersed boundary-lattice Boltzmann method. International Journal of Heat and Mass Transfer, 2019, 128, 1229-1244.	4.8	23
7	A stable and accurate partitioned algorithm for conjugate heat transfer. Journal of Computational Physics, 2017, 344, 51-85.	3.8	21
8	Fourth-order accurate fractional-step IMEX schemes for the incompressible Navier-Stokes equations on moving overlapping grids. Computer Methods in Applied Mechanics and Engineering, 2020, 366, 113040.	6.6	15
9	Computational Fluid Dynamics Investigation of Solar Chimney Power Plant. , 2013, , .		3
10	Fluid flow and heat transfer of solar chimney power plant. , 2016, , 95-125.		3
11	A Method of Decreasing Power Output Fluctuation of Solar Chimney Power Generating Systems. , 2011, , .		2
12	NUMERICAL SIMULATION OF LONG-RANGE CELL MANIPULATION WITH AC ELECTROKINETICS BY IMMERSSED BOUNDARY-LATTICE BOLTZMANN METHOD. , 2018, , .		0