

Saleh S Baakeem

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1785409/publications.pdf>

Version: 2024-02-01

14
papers

250
citations

1307594

7
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

236
citing authors

#	ARTICLE	IF	CITATIONS
1	Equations of state for single-component and multi-component multiphase lattice Boltzmann method. <i>Physics of Fluids</i> , 2022, 34, 023310.	4.0	6
2	Integrating a Stabilized Radial Basis Function Method with Lattice Boltzmann Method. <i>Mathematics</i> , 2022, 10, 501.	2.2	0
3	Numerical study of thermal radiation heat transfer using lattice Boltzmann method. <i>Numerical Heat Transfer, Part B: Fundamentals</i> , 2022, 82, 164-184.	0.9	3
4	A Critical Review of Forcing Schemes in Lattice Boltzmann Method: 1993â€“2019. <i>Archives of Computational Methods in Engineering</i> , 2021, 28, 4405-4423.	10.2	13
5	Investigations of geometrical and operational aspects of a dew-point air-cooling system (M-cycle). <i>Journal of Building Engineering</i> , 2021, 36, 102117.	3.4	5
6	A Novel Approach of Unit Conversion in the Lattice Boltzmann Method. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6386.	2.5	15
7	New Approach for Radial Basis Function Based on Partition of Unity of Taylor Series Expansion with Respect to Shape Parameter. <i>Algorithms</i> , 2021, 14, 1.	2.1	8
8	Comparison and evaluation of Shanâ€“Chen model and most commonly used equations of state in multiphase lattice Boltzmann method. <i>International Journal of Multiphase Flow</i> , 2020, 128, 103290.	3.4	18
9	A New Radial Basis Function Approach Based on Hermite Expansion with Respect to the Shape Parameter. <i>Mathematics</i> , 2019, 7, 979.	2.2	2
10	The possibility of using a novel dew point air cooling system (M-Cycle) for A/C application in Arab Gulf Countries. <i>Building and Environment</i> , 2019, 148, 185-197.	6.9	32
11	Optimization of a multistage vapor-compression refrigeration system for various refrigerants. <i>Applied Thermal Engineering</i> , 2018, 136, 84-96.	6.0	73
12	Performance improvement of gas turbine power plants by utilizing turbine inlet air-cooling (TIAC) technologies in Riyadh, Saudi Arabia. <i>Applied Thermal Engineering</i> , 2018, 138, 417-432.	6.0	52
13	Thermodynamic and economic analysis of the performance of a direct evaporative cooler working under extreme summer weather conditions. <i>Journal of Mechanical Science and Technology</i> , 2018, 32, 1815-1825.	1.5	15
14	Impact of Ambient Conditions of Arab Gulf Countries on the Performance of Gas Turbines Using Energy and Exergy Analysis. <i>Entropy</i> , 2017, 19, 32.	2.2	8