

Saleh S Baakeem

List of Publications by Year in descending order

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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	Optimization of a multistage vapor-compression refrigeration system for various refrigerants. Applied Thermal Engineering, 2018, 136, 84-96.	6.0	73
2	Performance improvement of gas turbine power plants by utilizing turbine inlet air-cooling (TIAC) technologies in Riyadh, Saudi Arabia. Applied Thermal Engineering, 2018, 138, 417-432.	6.0	52
3	The possibility of using a novel dew point air cooling system (M-Cycle) for A/C application in Arab Gulf Countries. Building and Environment, 2019, 148, 185-197.	6.9	32
4	Comparison and evaluation of Shanâ€ˆChen model and most commonly used equations of state in multiphase lattice Boltzmann method. International Journal of Multiphase Flow, 2020, 128, 103290.	3.4	18
5	Thermodynamic and economic analysis of the performance of a direct evaporative cooler working under extreme summer weather conditions. Journal of Mechanical Science and Technology, 2018, 32, 1815-1825.	1.5	15
6	A Novel Approach of Unit Conversion in the Lattice Boltzmann Method. Applied Sciences (Switzerland), 2021, 11, 6386.	2.5	15
7	A Critical Review of Forcing Schemes in Lattice Boltzmann Method: 1993â€ˆ2019. Archives of Computational Methods in Engineering, 2021, 28, 4405-4423.	10.2	13
8	Impact of Ambient Conditions of Arab Gulf Countries on the Performance of Gas Turbines Using Energy and Exergy Analysis. Entropy, 2017, 19, 32.	2.2	8
9	New Approach for Radial Basis Function Based on Partition of Unity of Taylor Series Expansion with Respect to Shape Parameter. Algorithms, 2021, 14, 1.	2.1	8
10	Equations of state for single-component and multi-component multiphase lattice Boltzmann method. Physics of Fluids, 2022, 34, 023310.	4.0	6
11	Investigations of geometrical and operational aspects of a dew-point air-cooling system (M-cycle). Journal of Building Engineering, 2021, 36, 102117.	3.4	5
12	Numerical study of thermal radiation heat transfer using lattice Boltzmann method. Numerical Heat Transfer, Part B: Fundamentals, 2022, 82, 164-184.	0.9	3
13	A New Radial Basis Function Approach Based on Hermite Expansion with Respect to the Shape Parameter. Mathematics, 2019, 7, 979.	2.2	2
14	Integrating a Stabilized Radial Basis Function Method with Lattice Boltzmann Method. Mathematics, 2022, 10, 501.	2.2	0