

Mohamed Teggar

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

12
papers

59
citations

5
h-index

7
g-index

22
ext. papers

152
ext. citations

3.2
avg, IF

2.32
L-index

#	Paper	IF	Citations
12	Melting of hybrid nano-enhanced phase change material in an inclined finned rectangular cavity for cold energy storage. <i>Journal of Energy Storage</i> , 2022 , 50, 104185	7.8	1
11	Hybrid thermal performance enhancement of shell and tube latent heat thermal energy storage using nano-additives and metal foam. <i>Journal of Energy Storage</i> , 2021 , 44, 103347	7.8	5
10	Performance enhancement of latent heat storage systems by using extended surfaces and porous materials: A state-of-the-art review. <i>Journal of Energy Storage</i> , 2021 , 44, 103340	7.8	11
9	Effect of Magnetic Field and Nanoparticle Concentration on Melting of Cu-Ice in a Rectangular Cavity under Fluctuating Temperatures. <i>Journal of Energy Storage</i> , 2021 , 36, 102421	7.8	9
8	Effect of Fin Orientation on Melting Process in Horizontal Double Pipe Thermal Energy Storage Systems. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2021 , 143,	2.6	4
7	Effect of graphene nanoparticles on charging and discharging processes of latent thermal energy storage using horizontal cylinders. <i>Sustainable Energy Technologies and Assessments</i> , 2021 , 45, 101242	4.7	1
6	Numerical Investigation of Charging and Discharging Processes of a Shell and Tube Nano-Enhanced Latent Thermal Storage Unit. <i>Journal of Thermal Science and Engineering Applications</i> , 2020 , 12,	1.9	1
5	Unsteady Double Diffusive Natural Convection with Dufour and Soret Effects. <i>International Journal of Heat and Technology</i> , 2016 , 34, 39-46	2.2	5
4	Onset of Natural Convection and Transition Laminar-Oscillatory Convection Flow in Rayleigh-BBard Configuration. <i>International Journal of Heat and Technology</i> , 2016 , 34, 151-157	2.2	4
3	Numerical Investigation of a PCM Heat Exchanger for Latent Cool Storage. <i>Energy Procedia</i> , 2013 , 36, 1310-1319	2.3	4
2	A comprehensive review of micro/nano enhanced phase change materials. <i>Journal of Thermal Analysis and Calorimetry</i> ,1	4.1	12
1	Effect of orientation of elliptic tube on the total melting time of latent thermal energy storage systems. <i>Journal of Thermal Engineering</i> ,1479-1488	1.1	0