Mohamed Teggar

List of Publications by Citations

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