

Zakir Khan

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.

14
papers

627
citations

8
h-index

15
g-index

15
ext. papers

794
ext. citations

7.4
avg, IF

4.86
L-index

#	Paper	IF	Citations
14	Performance Evaluation of Coupled Thermal Enhancement through Novel Wire-Wound Fins Design and Graphene Nano-Platelets in Shell-and-Tube Latent Heat Storage System. <i>Energies</i> , 2021 , 14, 3743	3.1	2
13	Innovative overheating solution for solar thermal collector using a reflective surface included in the air gap. <i>Renewable Energy</i> , 2020 , 151, 355-365	8.1	5
12	Role of extended fins and graphene nano-platelets in coupled thermal enhancement of latent heat storage system. <i>Energy Conversion and Management</i> , 2020 , 224, 113349	10.6	9
11	Thermodynamic performance of a novel shell-and-tube heat exchanger incorporating paraffin as thermal storage solution for domestic and commercial applications. <i>Applied Thermal Engineering</i> , 2019 , 160, 114007	5.8	19
10	Heat transfer evaluation of metal oxides based nano-PCMs for latent heat storage system application. <i>International Journal of Heat and Mass Transfer</i> , 2019 , 144, 118619	4.9	40
9	Experimental and numerical investigations of nano-additives enhanced paraffin in a shell-and-tube heat exchanger: A comparative study. <i>Applied Thermal Engineering</i> , 2018 , 143, 777-790	5.8	39
8	Experimental investigations of charging/melting cycles of paraffin in a novel shell and tube with longitudinal fins based heat storage design solution for domestic and industrial applications. <i>Applied Energy</i> , 2017 , 206, 1158-1168	10.7	36
7	Development in Paraffin Based Thermal Storage System Through Shell and Tubes Heat Exchanger With Vertical Fins 2017 ,		1
6	An experimental investigation of discharge/solidification cycle of paraffin in novel shell and tube with longitudinal fins based latent heat storage system. <i>Energy Conversion and Management</i> , 2017 , 154, 157-167	10.6	59
5	Accelerated corrosion tests on waste-gated turbocharger adjustable and fixed end-links. <i>WIT Transactions on State-of-the-art in Science and Engineering</i> , 2017 , 39-46		
4	A review of performance enhancement of PCM based latent heat storage system within the context of materials, thermal stability and compatibility. <i>Energy Conversion and Management</i> , 2016 , 115, 132-158	10.6	354
3	Parametric investigations to enhance thermal performance of paraffin through a novel geometrical configuration of shell and tube latent thermal storage system. <i>Energy Conversion and Management</i> , 2016 , 127, 355-365	10.6	56
2	Experimental Sliding Performance of Composite Tip Seal with High-Carbon Steel Plate under Lubricated Conditions Applied to Scroll Expander Systems. <i>Tribology Transactions</i> , 2011 , 54, 505-513	1.8	3
1	Durability of domestic scroll compressor systems 2009 ,		4