Zakir Khan

List of Publications by Citations

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