

Manar Salih Mahdi Al-Jethelah

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

472
citations

1163117

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h-index

1281871

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g-index

15
all docs

15
docs citations

15
times ranked

359
citing authors

#	ARTICLE	IF	CITATIONS
1	Charging nanoparticle enhanced bio-based PCM in open cell metallic foams: An experimental investigation. Applied Thermal Engineering, 2019, 148, 1029-1042.	6.0	128
2	Nano-PCM filled energy storage system for solar-thermal applications. Renewable Energy, 2018, 126, 137-155.	8.9	117
3	Melting of nano-PCM in an enclosed space: Scale analysis and heatline tracking. International Journal of Heat and Mass Transfer, 2018, 119, 841-859.	4.8	59
4	Melting of nano-phase change material inside a porous enclosure. International Journal of Heat and Mass Transfer, 2016, 102, 773-787.	4.8	46
5	Experimental and numerical investigation of heat transfer augmentation in heat sinks using perforation technique. Applied Thermal Engineering, 2019, 160, 113974.	6.0	39
6	The impact of square shape perforations on the enhanced heat transfer from fins: Experimental and numerical study. International Journal of Thermal Sciences, 2020, 149, 106144.	4.9	37
7	Nanofluids transport through a novel concave/convex convergent pipe. Numerical Heat Transfer; Part A: Applications, 2019, 75, 91-109.	2.1	14
8	Effect of convection heat transfer on thermal energy storage unit. Open Physics, 2018, 16, 861-867.	1.7	9
9	Investigation of phase change materials integrated with fin-tube baseboard convector for space heating. Energy and Buildings, 2019, 187, 241-256.	6.7	9
10	An investigation of the melting process of RT-35 filled circular thermal energy storage system. Open Physics, 2018, 16, 574-580.	1.7	8
11	Effect of Vibration on the Melting of Phase Change Material inside a Cylindrical Enclosure. , 0, , .		3
12	Latent heat storage for hot beverages. Journal of Mechanical Engineering and Sciences, 2019, 13, 5653-5664.	0.6	3
13	Experimental Analysis for Liquid Based Thermoelectric Electronic Cooling (LTEEC) System. , 2017, , .		0
14	Thermal performance of novel indirect passive solar dryer. Scientific Review Engineering and Environmental Sciences, 2021, 30, 293-303.	0.5	0