

Hamza Faraji

List of Publications by Citations

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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

92
citations

6
h-index

9
g-index

15
ext. papers

175
ext. citations

3.4
avg, IF

3.64
L-index

#	Paper	IF	Citations
12	Transient simulation of finned heat sinks embedded with PCM for electronics cooling. <i>Thermal Science and Engineering Progress</i> , 2020 , 18, 100520	3.6	40
11	Investigating the effect of single and hybrid nanoparticles on melting of phase change material in a rectangular enclosure with finite heat source. <i>International Journal of Energy Research</i> , 2021 , 45, 4314-4330	4.5	11
10	Emerging applications of phase change materials: A concise review of recent advances. <i>Heat Transfer</i> , 2021 , 50, 1443-1493	3.1	8
9	Cooling of recent microprocessors by the fusion of nano-enhanced phase change materials. <i>Materials Today: Proceedings</i> , 2020 , 30, 865-869	1.4	7
8	Numerical Survey of the Melting Driven Natural Convection Using Generation Heat Source: Application to the Passive Cooling of Electronics Using Nano-Enhanced Phase Change Material. <i>Journal of Thermal Science and Engineering Applications</i> , 2020 , 12,	1.9	6
7	Numerical Study of the Transient Melting Of Nano-Enhanced Phase Change Material. <i>Heat Transfer Engineering</i> , 2021 , 42, 120-139	1.7	6
6	Thermal process enhancement of HNCPCM filled heat sink: Effect of hybrid nanoparticles ratio and shape. <i>International Communications in Heat and Mass Transfer</i> , 2021 , 125, 105323	5.8	5
5	Numerical simulation of the melting of a NePCM for cooling of electronic components. <i>Thermal Science and Engineering Progress</i> , 2021 , 21, 100766	3.6	4
4	Numerical Survey on Performance of Hybrid NePCM for Cooling of Electronics: Effect of Heat Source Position and Heat Sink Inclination. <i>Journal of Thermal Science and Engineering Applications</i> , 2021 , 13,	1.9	2
3	Thermal performance of a phase change material-based heat sink in presence of nanoparticles and metal-foam to enhance cooling performance of electronics. <i>Journal of Energy Storage</i> , 2022 , 48, 103882	7.8	1
2	Numerical study of nanocomposite phase change material-based heat sink for the passive cooling of electronic components. <i>Heat and Mass Transfer</i> , 2021 , 1	2.2	1
1	Numerical analysis of the thermal energy storage behavior of a novel composite PCM/concrete wall integrated solar collector toward the PCM position 2021 ,		1