Hamza Faraji

List of Publications by Year in Descending Order

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