

Mathew Karvinkoppa

List of Publications by Year in descending order

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9
papers

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citations

1684188
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all docs

9
docs citations

9
times ranked

30
citing authors

#	ARTICLE	IF	CITATIONS
1	Experiment and numerical investigation on optimal distribution of discrete ICs for different orientation of substrate board. International Journal of Ambient Energy, 2022, 43, 1607-1614.	2.5	9
2	Experimental investigation of substrate board orientation effect on the optimal distribution of IC chips under forced convection. Experimental Heat Transfer, 2021, 34, 564-585.	3.2	7
3	Computational fluid dynamics used by mixing vessels for predicting hydrodynamic behaviour of mixture: An overview. Materials Today: Proceedings, 2021, 47, 2305-2309.	1.8	3
4	Comprehensive study on smart cooling techniques used for batteries. E3S Web of Conferences, 2020, 170, 01028.	0.5	2
5	Thermal analysis of a spiral solar receiver for a small central receiver system: an experimental and numerical investigation. International Journal of Ambient Energy, 2020, , 1-9.	2.5	2
6	Convective Heat Transfer on the Optimum Spacing of High Heat Dissipating Heat Sources – A Numerical Approach. Lecture Notes in Mechanical Engineering, 2020, , 73-84.	0.4	3
7	Role of PCM based mini-channels for the cooling of multiple protruding IC chips on the SMPS board - A numerical study. Journal of Energy Storage, 2019, 26, 100917.	8.1	18
8	Numerical investigation on optimal arrangement of IC chips mounted on a SMPS board cooled under mixed convection. Thermal Science and Engineering Progress, 2018, 7, 221-229.	2.7	31
9	Numerical investigation of natural and mixed convection heat transfer on optimal distribution of discrete heat sources mounted on a substrate. IOP Conference Series: Materials Science and Engineering, 2017, 263, 062066.	0.6	8