

Sevket Umut Yuruker

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

391
citations

2258059

3
h-index

2053705

5
g-index

10
all docs

10
docs citations

10
times ranked

719
citing authors

#	ARTICLE	IF	CITATIONS
1	A Vertically Enhanced Manifold Microchannel System for Thermal Management of Power Electronics. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2021, 11, 1716-1723.	2.5	3
2	Air Cooling of Power Electronics Through Vertically Enhanced Manifold Microchannel Systems (VEMMS). Journal of Heat Transfer, 2021, 143, .	2.1	1
3	System-Level Thermal Modeling and Its Significance in Electronics Packaging. , 2020, , .		3
4	A Metamodeling Approach for Optimization of Manifold Microchannel Systems for High Heat Flux Cooling Applications. , 2019, , .		3
5	System-level Pareto frontiers for on-chip thermoelectric coolers. Frontiers in Energy, 2018, 12, 109-120.	2.3	8
6	Highly Compressible, Anisotropic Aerogel with Aligned Cellulose Nanofibers. ACS Nano, 2018, 12, 140-147.	14.6	364
7	Packaging and Thermal Decoupling of an Optical Array using a Thermoelectric Cooler. , 2018, , .		1
8	An Experimental and Computational Study on Efficiency of White LED Packages With a Thermocaloric Approach. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2017, , 1-7.	2.5	5
9	Integration of micro-contact enhanced thermoelectric cooler with a FEEDS manifold-microchannel system for cooling of high flux electronics. , 2017, , .		1
10	Thermal and Optical Performance of Eco-Friendly Silk Fibroin Proteins as a Cavity Encapsulation Over LED Systems. , 2015, , .		2