

Sushil Bhavnani

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

235
citations

1684188

5
h-index

1872680

6
g-index

13
all docs

13
docs citations

13
times ranked

255
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase Change Cooling of Spacecraft Electronics: Terrestrial Reference Experiments Prior to ISS Microgravity Experiments. , 2020, , .		2
2	Condensation on a horizontal surface with periodic asymmetrical structures “ transient film growth. International Journal of Heat and Mass Transfer, 2017, 108, 1126-1139.	4.8	5
3	Directional Passive Condensate Film Drainage on a Horizontal Surface With Periodic Asymmetrical Structures. Journal of Heat Transfer, 2017, 139, .	2.1	1
4	Durability of Low Melt Alloys as Thermal Interface Materials. Journal of Electronic Packaging, Transactions of the ASME, 2016, 138, .	1.8	5
5	Condensate mobility actuated by microsurface topography and wettability modifications. , 2016, , .		0
6	Thermal performance of low melting temperature alloys at the interface between dissimilar materials. Applied Thermal Engineering, 2016, 99, 72-79.	6.0	37
7	Performance of low melt alloys as thermal interface materials. , 2015, , .		9
8	Investigation into the application of low melting temperature alloys as wet thermal interface materials. International Journal of Heat and Mass Transfer, 2015, 85, 996-1002.	4.8	78
9	Accelerated aging and thermal cycling of low melting temperature alloys as wet thermal interface materials. Microelectronics Reliability, 2015, 55, 2698-2704.	1.7	22
10	Impact of surface enhancements upon boiling heat transfer in a liquid immersion cooled high performance small form factor server model. , 2014, , .		9
11	Investigation and characterization of a high performance, small form factor, modular liquid immersion cooled server model. , 2014, , .		5
12	Boiling Augmentation with Micro/Nanostructured Surfaces: Current Status and Research Outlook. Nanoscale and Microscale Thermophysical Engineering, 2014, 18, 197-222.	2.6	60
13	A Numerical Study of Condensation on Asymmetric Microstructures. , 2014, , .		2