

Timothy J Chainer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6391619/publications.pdf>

Version: 2024-02-01

11
papers

185
citations

2258059

3
h-index

2550090

3
g-index

11
all docs

11
docs citations

11
times ranked

149
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving Data Center Energy Efficiency With Advanced Thermal Management. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2017, 7, 1228-1239.	2.5	56
2	Embedded Two-Phase Cooling of Large Three-Dimensional Compatible Chips With Radial Channels. Journal of Electronic Packaging, Transactions of the ASME, 2016, 138, .	1.8	29
3	The ICECool Fundamentals Effort on Evaporative Cooling of Microelectronics. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2021, 11, 1546-1564.	2.5	25
4	Local Measurements of Flow Boiling Heat Transfer on Hot Spots in 3D Compatible Radial Microchannels. , 2015, , .		15
5	Thermal model for embedded two-phase liquid cooled microprocessor. , 2017, , .		13
6	Microfluidic two-phase cooling of a high power microprocessor part A: Design and fabrication. , 2017, , .		13
7	Eulerian multiphase conjugate model development and validation for flow boiling in micro-pin field. , 2016, , .		12
8	Microfluidic two-phase cooling of a high power microprocessor part B: Test and characterization. , 2017, , .		10
9	Modeling embedded two-phase liquid cooled high power 3D compatible electronic devices. , 2017, , .		7
10	Sim2Cool: A Two-Phase Cooling System Simulator and Design Tool. , 2018, , .		3
11	Eulerian multiphase conjugate model for embedded two-phase liquid cooled microprocessor. , 2018, , .		2