

Chong Hooi Lim

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

38
citations

1937685

4
h-index

1872680

6
g-index

13
all docs

13
docs citations

13
times ranked

15
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and numerical investigation of flow and thermal effects on flexible printed circuit board. <i>Microelectronics Reliability</i> , 2017, 72, 5-17.	1.7	10
2	Continuous Flow Low Gradient Magnetophoresis of Magnetic Nanoparticles: Separation Kinetic Modelling and Simulation. <i>Journal of Superconductivity and Novel Magnetism</i> , 2021, 34, 2151-2165.	1.8	10
3	Heat transfer enhancement by flexible printed circuit board's deformation. <i>International Communications in Heat and Mass Transfer</i> , 2017, 84, 86-93.	5.6	7
4	The Effect of Freestream Flow Velocities on the Flexible Printed Circuit Board with Different BGA Package Arrangements. <i>Arabian Journal for Science and Engineering</i> , 2017, 42, 2075-2086.	3.0	4
5	Optimization of flexible printed circuit board's cooling with air flow and thermal effects using response surface methodology. <i>Microelectronics International</i> , 2021, 38, 182-205.	0.6	3
6	Numerical simulation of fluid-structure interaction on flexible PCB with multiple ball grid array components. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	2
7	Heat transfer and deformation analysis of flexible printed circuit board under thermal and flow effects. <i>Circuit World</i> , 2021, 47, 213-221.	0.9	1
8	Design and development of an automated robot for collecting latex cups in rubber plantation. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 945, 012015.	0.3	1
9	Investigation of design parameters on self-floating water wheel for micro-hydropower generation. <i>International Journal of Green Energy</i> , 0, , 1-10.	3.8	0
10	Numerical Simulation Analysis on Water Jet Pressure Distribution at Various Nozzle Aperture. <i>Advanced Science Letters</i> , 2018, 24, 8808-8811.	0.2	0
11	Thermal Resistance Model of a Flat Plate Solar Air Collector for Energy Efficiency Prediction. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 945, 012005.	0.3	0
12	Experimental Investigation on Effect of Inclination Angle of a Flat Plate Solar Air Collector. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 945, 012003.	0.3	0
13	Efficient Thermal Energy Management of Hollow Pin Fin Heat Sinks with and without Phase Change Material. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 945, 012006.	0.3	0