

Basim Freegah

List of Publications by Year in descending order

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9
papers

103
citations

1937685

4
h-index

1720034

7
g-index

9
all docs

9
docs citations

9
times ranked

66
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical investigation of heat transfer enhancement in plate-fin heat sinks: Effect of flow direction and fillet profile. <i>Case Studies in Thermal Engineering</i> , 2019, 13, 100388.	5.7	42
2	CFD analysis of heat transfer enhancement in plate-fin heat sinks with fillet profile: Investigation of new designs. <i>Thermal Science and Engineering Progress</i> , 2020, 17, 100458.	2.7	33
3	Study the influence of adding fins to the plate of the solar collector on thermal performance under natural phenomena. <i>International Communications in Heat and Mass Transfer</i> , 2022, 135, 106058.	5.6	13
4	Numerical and experimental study of a thermosiphon closed-loop system for domestic applications. <i>Heat Transfer</i> , 2021, 50, 292-312.	3.0	7
5	Numerical and experimental investigation of a thermosiphon solar water heater system thermal performance used in domestic applications. <i>Heat Transfer</i> , 2021, 50, 4575-4594.	3.0	4
6	Numerical and experimental analysis of effect of working fluid amount on the thermal performance of thermo-syphon system. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 928, 022022.	0.6	2
7	Enhancement of the Thermal Performance Characteristics of an Electrical Power Transformer. <i>Engineering Science & Technology</i> , 0, , 94-112.	0.3	1
8	CFD analysis of the thermal performance improvement in heat sinks with corrugated plate-fin. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 928, 022053.	0.6	1
9	An empirical model for predicting the length of a capillary tube. <i>Heat Transfer</i> , 2021, 50, 4830-4842.	3.0	0