Basim Freegah

List of Publications by Year
in descending order

9	103	1937685 4	1720034 7
papers	citations	h-index	g-index

9	9	9	66
all docs	docs citations	times ranked	citing authors

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