

Mohsen Mirzaei

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

265
citations

1478505

6
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

343
citing authors

#	ARTICLE	IF	CITATIONS
1	A new image processing strategy for surface crack identification in building structures under non-uniform illumination. IET Image Processing, 2022, 16, 407-415.	2.5	6
2	Neural network modelling for accurate prediction of thermal efficiency of a flat plate solar collector working with nanofluids. International Journal of Ambient Energy, 2021, 42, 227-237.	2.5	8
3	Assessment of the colloidal montmorillonite dispersion as a low-cost and eco-friendly nanofluid for improving thermal performance of plate heat exchanger. SN Applied Sciences, 2020, 2, 1.	2.9	7
4	Experimental investigation of CuO nanofluid in the thermal characteristics of a flat plate solar collector. Environmental Progress and Sustainable Energy, 2019, 38, 260-267.	2.3	26
5	Emulsified jet fuel flame characterization with image processing. Journal of the Energy Institute, 2019, 92, 567-577.	5.3	2
6	Assessment of Al ₂ O ₃ nanoparticles for the optimal operation of the flat plate solar collector. Applied Thermal Engineering, 2018, 134, 68-77.	6.0	61
7	Comparative analysis of energy yield of different tracking modes of PV systems in semiarid climate conditions: The case of Iran. Renewable Energy, 2018, 119, 400-409.	8.9	15
8	Assessment of image processing methods to characterize the precise shape of the jet head in the hypersonic jet flows. Flow Measurement and Instrumentation, 2018, 64, 142-154.	2.0	7
9	An automatic algorithm for determination of the nanoparticles from TEM images using circular hough transform. Micron, 2017, 96, 86-95.	2.2	38
10	A new method of SC image processing for confluence estimation. Micron, 2017, 101, 206-212.	2.2	4
11	Multi-objective optimization of shell-and-tube heat exchanger by constructal theory. Applied Thermal Engineering, 2017, 125, 9-19.	6.0	88
12	An experimental setup for visualizations and measurements on free hypersonic jets. EPJ Web of Conferences, 2012, 25, 01056.	0.3	3