

Majedul Islam

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

291
citations

1040056

9
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

226
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance assessment in a heat exchanger tube fitted with double counter twisted tape inserts. International Communications in Heat and Mass Transfer, 2014, 50, 25-33.	5.6	119
2	Sustainable food drying technologies based on renewable energy sources. Critical Reviews in Food Science and Nutrition, 2022, 62, 6872-6886.	10.3	23
3	CFD study of heat transfer enhancement and fluid flow characteristics of turbulent flow through tube with twisted tape inserts. Energy Procedia, 2019, 160, 715-722.	1.8	22
4	Performance Investigation of High Temperature Application of Molten Solar Salt Nanofluid in a Direct Absorption Solar Collector. Molecules, 2019, 24, 285.	3.8	22
5	Heat transfer performance evaluation for turbulent flow through a tube with twisted wire brush inserts. International Communications in Heat and Mass Transfer, 2012, 39, 1505-1512.	5.6	19
6	Effect of cover design on moisture removal rate of a cabinet type solar dryer for food drying application. Energy Procedia, 2019, 160, 769-776.	1.8	16
7	Investigation of the Effect of Physical and Optical Factors on the Optical Performance of a Parabolic Trough Collector. Energies, 2017, 10, 1907.	3.1	15
8	Effect of the Orientation Schemes of the Energy Collection Element on the Optical Performance of a Parabolic Trough Concentrating Collector. Energies, 2019, 12, 128.	3.1	12
9	Performance of Graphite-Dispersed Li ₂ CO ₃ -K ₂ CO ₃ Molten Salt Nanofluid for a Direct Absorption Solar Collector System. Molecules, 2020, 25, 375.	3.8	12
10	Development of Empirical Equations for Irradiance Profile of a Standard Parabolic Trough Collector Using Monte Carlo Ray Tracing Technique. Advanced Materials Research, 0, 860-863, 180-190.	0.3	9
11	Anodization of medical grade stainless steel for improved corrosion resistance and nanostructure formation targeting biomedical applications. Electrochimica Acta, 2022, 416, 140274.	5.2	9
12	A tool to minimize the need of Monte Carlo ray tracing code for 3D finite volume modelling of a standard parabolic trough collector receiver under a realistic solar flux profile. Energy Science and Engineering, 2020, 8, 3087-3102.	4.0	5
13	Feasibility of a Solar Thermal Power Plant in Pakistan. , 0, , .		4
14	Adaptations and Lessons from COVID-19: A Perspective on How some Industries will be Impacted. Advanced Materials Letters, 2020, 11, 1-7.	0.6	2
15	A Method of Three-Dimensional Thermo-Fluid Simulation of the Receiver of a Standard Parabolic Trough Collector. Green Energy and Technology, 2018, , 203-230.	0.6	1
16	Manufacturing of a parabolic trough concentrating collector test rig and a "LASER-Screen" technique for measuring actual focal length and light interceptance of the collector. Procedia Manufacturing, 2019, 30, 404-410.	1.9	1
17	Biogas from mesophilic anaerobic digestion of cow dung using gelatin as additive. AIP Conference Proceedings, 2017, , .	0.4	0