

Majedul Islam

List of Publications by Year in descending order

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17
papers

291
citations

1039406

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1058022

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all docs

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docs citations

17
times ranked

226
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainable food drying technologies based on renewable energy sources. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 6872-6886.	5.4	23
2	Anodization of medical grade stainless steel for improved corrosion resistance and nanostructure formation targeting biomedical applications. <i>Electrochimica Acta</i> , 2022, 416, 140274.	2.6	9
3	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. <i>Energy Science and Engineering</i> , 2020, 8, 3087-3102.	1.9	5
4	Performance of Graphite-Dispersed Li ₂ CO ₃ -K ₂ CO ₃ Molten Salt Nanofluid for a Direct Absorption Solar Collector System. <i>Molecules</i> , 2020, 25, 375.	1.7	12
5	Adaptations and Lessons from COVID-19: A Perspective on How some Industries will be Impacted. <i>Advanced Materials Letters</i> , 2020, 11, 1-7.	0.3	2
6	Effect of cover design on moisture removal rate of a cabinet type solar dryer for food drying application. <i>Energy Procedia</i> , 2019, 160, 769-776.	1.8	16
7	CFD study of heat transfer enhancement and fluid flow characteristics of turbulent flow through tube with twisted tape inserts. <i>Energy Procedia</i> , 2019, 160, 715-722.	1.8	22
8	Manufacturing of a parabolic trough concentrating collector test rig and a "LASER-Screen" technique for measuring actual focal length and light interception of the collector. <i>Procedia Manufacturing</i> , 2019, 30, 404-410.	1.9	1
9	Performance Investigation of High Temperature Application of Molten Solar Salt Nanofluid in a Direct Absorption Solar Collector. <i>Molecules</i> , 2019, 24, 285.	1.7	22
10	Effect of the Orientation Schemes of the Energy Collection Element on the Optical Performance of a Parabolic Trough Concentrating Collector. <i>Energies</i> , 2019, 12, 128.	1.6	12
11	A Method of Three-Dimensional Thermo-Fluid Simulation of the Receiver of a Standard Parabolic Trough Collector. <i>Green Energy and Technology</i> , 2018, , 203-230.	0.4	1
12	Biogas from mesophilic anaerobic digestion of cow dung using gelatin as additive. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	0
13	Investigation of the Effect of Physical and Optical Factors on the Optical Performance of a Parabolic Trough Collector. <i>Energies</i> , 2017, 10, 1907.	1.6	15
14	Performance assessment in a heat exchanger tube fitted with double counter twisted tape inserts. <i>International Communications in Heat and Mass Transfer</i> , 2014, 50, 25-33.	2.9	119
15	Heat transfer performance evaluation for turbulent flow through a tube with twisted wire brush inserts. <i>International Communications in Heat and Mass Transfer</i> , 2012, 39, 1505-1512.	2.9	19
16	Development of Empirical Equations for Irradiance Profile of a Standard Parabolic Trough Collector Using Monte Carlo Ray Tracing Technique. <i>Advanced Materials Research</i> , 0, 860-863, 180-190.	0.3	9
17	Feasibility of a Solar Thermal Power Plant in Pakistan. , 0, , .		4