

Muzaffar Ali

List of Publications by Year in descending order

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31
papers

325
citations

1040056

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839539

18
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31
all docs

31
docs citations

31
times ranked

374
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of Performance Measurements of Photovoltaic Modules during Winter Months in Taxila, Pakistan. <i>International Journal of Photoenergy</i> , 2014, 2014, 1-8.	2.5	66
2	Effect of dust deposition on the performance of photovoltaic modules in Taxila, Pakistan. <i>Thermal Science</i> , 2017, 21, 915-923.	1.1	49
3	Variation of Heat Flux at Lower Frequencies of Vibration in a Vibrated Granular Bed. <i>Advances in Condensed Matter Physics</i> , 2015, 2015, 1-6.	1.1	31
4	Outdoor testing of photovoltaic modules during summer in Taxila, Pakistan. <i>Thermal Science</i> , 2016, 20, 165-173.	1.1	27
5	Performance enhancement of a cross flow dew point indirect evaporative cooler with circular finned channel geometry. <i>Journal of Building Engineering</i> , 2021, 35, 101980.	3.4	25
6	Evaluation of nanofluids performance for simulated microprocessor. <i>Thermal Science</i> , 2017, 21, 2227-2236.	1.1	23
7	An experimental investigation of performance of a double pass solar air heater with thermal storage medium. <i>Thermal Science</i> , 2015, 19, 1699-1708.	1.1	17
8	Performance Investigation of Air Velocity Effects on PV Modules under Controlled Conditions. <i>International Journal of Photoenergy</i> , 2017, 2017, 1-10.	2.5	15
9	Effect of efficient multi-stage indirect evaporative cooling on performance of solar assisted desiccant air conditioning in different climatic zones.. <i>Heat and Mass Transfer</i> , 2020, 56, 2725-2741.	2.1	11
10	Performance Analysis of Solar-Assisted Desiccant Cooling System Cycles in World Climate Zones. <i>Journal of Solar Energy Engineering, Transactions of the ASME</i> , 2018, 140, .	1.8	9
11	Optical Performance Analysis of Single Flow Through and Concentric Tube Receiver Coupled with a Modified CPC Collector Under Different Configurations. <i>Energies</i> , 2019, 12, 4147.	3.1	9
12	Techno-economic assessment of energy generation through municipal solid waste: a case study for small/medium size districts in Pakistan. <i>Waste Disposal & Sustainable Energy</i> , 2020, 2, 337-350.	2.5	9
13	Small-Sized Parabolic Trough Collector System for Solar Dehumidification Application: Design, Development, and Potential Assessment. <i>International Journal of Photoenergy</i> , 2018, 2018, 1-12.	2.5	7
14	Numerical investigation of transient response of a coupled two-degrees-of-freedom symmetric airfoil before flutter. <i>International Journal of Aeroacoustics</i> , 2018, 17, 275-294.	1.3	4
15	Experimental investigation of solar compound parabolic collector using Al ₂ O ₃ /H ₂ O nanofluid in a subtropical climate. <i>Thermal Science</i> , 2021, 25, 3453-3465.	1.1	4
16	Performance characterization and optimization of counter-flow dew point indirect evaporative cooler through response surface methodology. <i>Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy</i> , 2021, 235, 1789-1805.	1.4	4
17	Annual transient simulations and experimental investigation of a hybrid flat plate and evacuated tube collectors array in subtropical climate. <i>Thermal Science</i> , 2020, 24, 1435-1443.	1.1	4
18	Performance Evaluation of a Modified Compound Parabolic Concentrating Collector with Varying Concentration Ratio. <i>Heat Transfer Engineering</i> , 2021, 42, 1117-1131.	1.9	3

#	ARTICLE	IF	CITATIONS
19	Cooling Performance Assessment of a Slinky Closed Loop Lake Water Heat Pump System under the Climate Conditions of Pakistan. Processes, 2019, 7, 553.	2.8	2
20	Experimental investigations of a small-scale solar-assisted absorption cooling system. Heat Transfer, 2021, 50, 2686-2708.	3.0	2
21	Assessment of Embodied Energy and Environmental Impact of Sustainable Building Materials and Technologies for Residential Sector. , 2021, 12, .		2
22	Numerical study of hydrogen peroxide thermal decomposition in a shock tube. Journal of Thermal Science, 2017, 26, 235-244.	1.9	1
23	Experimental analysis of parabolic trough collector system with multiple receiver geometries and reflective materials. Thermal Science, 2021, 25, 1611-1622.	1.1	1
24	Design optimization and experimental investigation of solar assisted 1 Ton (3.516 KW) vapor absorption air conditioning system. , 2015, , .		0
25	Experimental Analysis of the Dew Point Indirect Evaporative Cooler Operating with Solar Panels. Engineering Proceedings, 2021, 12, 90.	0.4	0
26	Comparative Optical and Thermal Analysis of Compound Parabolic Solar Collector with Fixed and Variable Concentration Ratio. Engineering Proceedings, 2021, 12, 85.	0.4	0
27	Characterization and Performance Analysis of Non-Metallic Oxide Nano-Fluids in Compound Parabolic Trough Solar Collectors. Engineering Proceedings, 2021, 12, 88.	0.4	0
28	Model Development and Transient Seasonal Performance Analysis of a Solar Space Heating System under Climate Conditions of PAKISTAN. Engineering Proceedings, 2022, 12, .	0.4	0
29	Pakistan's Energy Demand Forecasting for Various Sector through Long Range Alternative Planning System. , 2021, 12, .		0
30	Pore Network Modelling of Porous Media for Carbon Dioxide Sequestration: A Case Study of Pakistan. , 2021, 12, .		0
31	Model Based Transient Analysis of a Solar Assisted Absorption System for Multi-Climate Zones with Dynamic Building Load. , 2022, 12, .		0