

Mumtaz A Qaisrani

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

280
citations

1040056

9
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

251
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation on thermal and mechanical performance of the hot tank in the two-tank molten salt heat storage system. <i>Applied Thermal Engineering</i> , 2020, 167, 114775.	6.0	42
2	Evaluating the coal rebound effect in energy intensive industries of China. <i>Energy</i> , 2020, 207, 118247.	8.8	38
3	Numerical characterization of thermocline behaviour of combined sensible-latent heat storage tank using brick manganese rod structure impregnated with PCM capsules. <i>Solar Energy</i> , 2019, 180, 243-256.	6.1	37
4	Preparation and Characterisation of Sustainable Wood Plastic Composites Extracted from Municipal Solid Waste. <i>Polymers</i> , 2021, 13, 3670.	4.5	28
5	Numerical study on thermal stress and cold startup induced thermal fatigue of a water/steam cavity receiver in concentrated solar power (CSP) plants. <i>Solar Energy</i> , 2018, 170, 430-441.	6.1	24
6	Heat losses and thermal stresses of an external cylindrical water/steam solar tower receiver. <i>Applied Thermal Engineering</i> , 2019, 163, 114241.	6.0	24
7	Thermal losses evaluation of an external rectangular receiver in a windy environment. <i>Solar Energy</i> , 2019, 184, 281-291.	6.1	13
8	Potential and transition of concentrated solar power: A case study of China. <i>Sustainable Energy Technologies and Assessments</i> , 2021, 44, 101052.	2.7	13
9	Homogenization of solar flux distribution in a carbon aerosol entrapped cavity receiver. <i>Energy</i> , 2019, 182, 21-36.	8.8	9
10	Boiling heat transfer and bubble distribution on inhomogeneous wetting surface patterned with Sierpinski carpet. <i>Applied Thermal Engineering</i> , 2020, 180, 115818.	6.0	9
11	Optical performance of quasi-stationary, low-concentration, and low-profile compound parabolic concentrators. <i>Journal of Renewable and Sustainable Energy</i> , 2019, 11, 053701.	2.0	8
12	Numerical investigation on heat transfer and thermoelastic stress in a solar cavity receiver. <i>Applied Thermal Engineering</i> , 2021, 198, 117430.	6.0	8
13	Thermal performance evaluation of a cavity receiver based on particle's radiation properties during the day time. <i>Renewable Energy</i> , 2019, 143, 622-636.	8.9	6
14	Thermal management of solar photovoltaic module by using drilled cylindrical rods integrated with phase change materials. <i>Journal of Energy Storage</i> , 2022, 52, 104956.	8.1	6
15	Study on oil-water separation of selective-wettability meshes with different Micro/Nano structures. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 584, 124026.	4.7	5
16	Experimental study on thermal performance of a water/steam cavity receiver with solar simulator. <i>Energy Procedia</i> , 2017, 142, 265-270.	1.8	4
17	Experimental Investigation of Copper Mesh Substrate with Selective Wettability to Separate Oil/Water Mixture. <i>Energies</i> , 2019, 12, 4564.	3.1	2
18	Numerical and experimental analysis of the cavitation and study of flow characteristics in ball valve. <i>Nonlinear Engineering</i> , 2021, 10, 535-545.	2.7	1

#	ARTICLE	IF	CITATIONS
19	Experiment and Numerical Analysis of Thermal Performance of a Billboard External Receiver. Energies, 2022, 15, 2188.	3.1	1