

Pankaj Dumka

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

457
citations

1051969

10
h-index

1051228

16
g-index

19
all docs

19
docs citations

19
times ranked

219
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling conventional and solar earth still by using the LM algorithm-based artificial neural network. <i>International Journal of Ambient Energy</i> , 2022, 43, 1389-1396.	1.4	20
2	An estimation of the distillate output from a CSS based on multivariable regression analysis. <i>International Journal of Ambient Energy</i> , 2022, 43, 2417-2422.	1.4	6
3	Energy, exergy and techno-economic analysis of novel solar stills for sea coastal area. <i>International Journal of Ambient Energy</i> , 2022, 43, 5207-5217.	1.4	5
4	Application of He's homotopy and perturbation method to solve heat transfer equations: A python approach. <i>Advances in Engineering Software</i> , 2022, 170, 103160.	1.8	7
5	Influence of salt concentration on the performance characteristics of passive solar still. <i>International Journal of Ambient Energy</i> , 2021, 42, 1463-1473.	1.4	20
6	Influence of Coco Peat Powder on The Solar Still Productivity: An Exergo-Economic Study. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 795, 012012.	0.2	1
7	Performance evaluation of single slope solar still augmented with the ultrasonic fogger. <i>Energy</i> , 2020, 190, 116398.	4.5	60
8	Experimental and theoretical evaluation of a conventional solar still augmented with jute covered plastic balls. <i>Journal of Energy Storage</i> , 2020, 32, 101874.	3.9	22
9	Experimental investigation and thermal analysis of a double slope long still: study of heat and mass transfer. <i>International Journal of Ambient Energy</i> , 2020, , 1-9.	1.4	3
10	Experimental and theoretical evaluation of thermophysical properties for moist air within solar still by using different algorithms of artificial neural network. <i>Journal of Energy Storage</i> , 2020, 30, 101408.	3.9	25
11	Energy, exergy, and economic analysis of single slope conventional solar still augmented with an ultrasonic fogger and a cotton cloth. <i>Journal of Energy Storage</i> , 2020, 30, 101541.	3.9	46
12	Comparative experimental evaluation of conventional solar still (CSS) and CSS augmented with wax filled metallic finned-cups. <i>FME Transactions</i> , 2020, 48, 482-495.	0.7	10
13	Performance evaluation of single slope solar still augmented with sand-filled cotton bags. <i>Journal of Energy Storage</i> , 2019, 25, 100888.	3.9	88
14	Comparative analysis and experimental evaluation of single slope solar still augmented with permanent magnets and conventional solar still. <i>Desalination</i> , 2019, 459, 34-45.	4.0	59
15	Energy and exergy analysis of conventional and modified solar still integrated with sand bed earth: Study of heat and mass transfer. <i>Desalination</i> , 2018, 437, 15-25.	4.0	43
16	Performance evaluation of long still for the utilization of industrial hot waste water. <i>Journal of Energy Storage</i> , 2018, 20, 485-491.	3.9	7
17	Experimental investigation of modified single slope solar still integrated with earth (I) &(II):Energy and exergy analysis. <i>Energy</i> , 2018, 160, 1144-1157.	4.5	28
18	Impact of Sand Filled Glass Bottles on Performance of Conventional Solar Still. <i>Journal of Basic & Applied Sciences</i> , 0, 18, 8-15.	0.0	1

#	ARTICLE	IF	CITATIONS
19	Experimental Evaluation and Development of Artificial Neural Network Model for the Solar Stills Augmented with the Permanent Magnet and Sandbag. Journal of Advanced Thermal Science Research, 0, 9, 9-23.	0.4	6