

# Pankaj Dumka

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/382582/publications.pdf>

Version: 2024-02-01

19  
papers

457  
citations

933447

10  
h-index

940533

16  
g-index

19  
all docs

19  
docs citations

19  
times ranked

197  
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance evaluation of single slope solar still augmented with sand-filled cotton bags. <i>Journal of Energy Storage</i> , 2019, 25, 100888.	8.1	88
2	Performance evaluation of single slope solar still augmented with the ultrasonic fogger. <i>Energy</i> , 2020, 190, 116398.	8.8	60
3	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.	8.2	59
4	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.	8.1	46
5	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.	8.2	43
6	Experimental investigation of modified single slope solar still integrated with earth (I) &(II):Energy and exergy analysis. <i>Energy</i> , 2018, 160, 1144-1157.	8.8	28
7	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.	8.1	25
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.	8.1	22
9	Influence of salt concentration on the performance characteristics of passive solar still. <i>International Journal of Ambient Energy</i> , 2021, 42, 1463-1473.	2.5	20
10	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.	2.5	20
11	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.	1.4	10
12	Performance evaluation of long still for the utilization of industrial hot waste water. <i>Journal of Energy Storage</i> , 2018, 20, 485-491.	8.1	7
13	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.	3.8	7
14	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.	2.5	6
15	Experimental Evaluation and Development of Artificial Neural Network Model for the Solar Stills Augmented with the Permanent Magnet and Sandbag. <i>Journal of Advanced Thermal Science Research</i> , 0, 9, 9-23.	0.4	6
16	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.	2.5	5
17	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.	2.5	3
18	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.	0.3	1

#	ARTICLE	IF	CITATIONS
19	Impact of Sand Filled Glass Bottles on Performance of Conventional Solar Still. Journal of Basic & Applied Sciences, 0, 18, 8-15.	0.0	1