

Almoataz M Algazzar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2793531/publications.pdf>

Version: 2024-02-01

8
papers

579
citations

1163065

8
h-index

1588975

8
g-index

8
all docs

8
docs citations

8
times ranked

338
citing authors

#	ARTICLE	IF	CITATIONS
1	New hydrogel materials for improving solar water evaporation, desalination and wastewater treatment: A review. <i>Desalination</i> , 2020, 491, 114564.	8.2	142
2	A mini review of techniques used to improve the tubular solar still performance for solar water desalination. <i>Chemical Engineering Research and Design</i> , 2019, 124, 204-212.	5.6	137
3	Performance enhancement of stepped double slope solar still by using nanoparticles and linen wicks: Energy, exergy and economic analysis. <i>Applied Thermal Engineering</i> , 2020, 174, 115278.	6.0	115
4	Performance enhancement of tubular solar still using nano-enhanced energy storage material integrated with v-corrugated aluminum basin, wick, and nanofluid. <i>Journal of Energy Storage</i> , 2021, 41, 102933.	8.1	69
5	4-E analysis of pyramid solar still augmented with external condenser, evacuated tubes, nanofluid and ultrasonic foggers: A comprehensive study. <i>Chemical Engineering Research and Design</i> , 2022, 164, 408-417.	5.6	38
6	Fabrication techniques of polymeric nanocomposites: A comprehensive review. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2022, 236, 4843-4861.	2.1	37
7	Nano-enhanced cooling techniques for photovoltaic panels: A systematic review and prospect recommendations. <i>Solar Energy</i> , 2021, 227, 259-272.	6.1	25
8	Productivity Modeling Enhancement of a Solar Desalination Unit with Nanofluids Using Machine Learning Algorithms Integrated with Bayesian Optimization. <i>Energy Technology</i> , 2021, 9, 2100189.	3.8	16