

Performance assessment of a novel solar distiller with a coated wick with lanthanum cobalt oxide nanoparticles

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Applications of Heat Exchanger in Solar Desalination: Current Issues and Future Challenges. Water (Switzerland), 2022, 14, 852.	2.7	22
2	Performance enhancement of a v-corrugated basin hemispherical solar distiller combined with reversed solar collector: An experimental approach. Renewable Energy, 2022, 190, 330-337.	8.9	25
3	Machine learning-based prediction and augmentation of dish solar distiller performance using an innovative convex stepped absorber and phase change material with nanoadditives. Chemical Engineering Research and Design, 2022, 162, 112-123.	5.6	54
4	Performance enhancement and economic analysis of pyramid solar still with corrugated absorber plate and conventional solar still: A case study. Case Studies in Thermal Engineering, 2022, 35, 101966.	5.7	38
5	Performance prediction of solar still with a high-frequency ultrasound waves atomizer using random vector functional link/heap-based optimizer. Advances in Engineering Software, 2022, 170, 103142.	3.8	13
6	Predicting the yield of stepped corrugated solar distiller using kernel-based machine learning models. Applied Thermal Engineering, 2022, 213, 118759.	6.0	31
7	Experimental investigation and thermo-economic performance analysis of a modified solar distiller design with thermal storage material and v-corrugated absorber basin. Journal of Energy Storage, 2022, 52, 105020.	8.1	19
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9	Solar thermal feed preheating techniques integrated with membrane distillation for seawater desalination applications: Recent advances, retrofitting performance improvement strategies, and future perspectives. Chemical Engineering Research and Design, 2022, 164, 595-612.	5.6	28
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12	Optimal size of spherical rock salt balls as low-cost thermal storage materials for performance augmentation of hemispherical solar distillers: Experimental investigation and thermo-economic analysis. Journal of Cleaner Production, 2022, 374, 134006.	9.3	14
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19	A numerical investigation of the enhancement of single-slope single-basin solar still productivity. Energy Reports, 2023, 9, 484-500.	5.1	7
20	Water distillation tower: Experimental investigation, economic assessment, and performance prediction using optimized machine-learning model. Journal of Cleaner Production, 2023, 388, 135896.	9.3	64
21	Thermal performance enhancement of a modified pyramid distiller using different modifications with low-cost materials. Sustainable Energy Technologies and Assessments, 2023, 57, 103191.	2.7	1
22	A review on PCM and nanofluid for various productivity enhancement methods for double slope solar still: Future challenge and current water issues. Desalination, 2023, 551, 116367.	8.2	43
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