

Khaoula Hidouri

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

133
citations

1937685

4
h-index

1474206

9
g-index

17
all docs

17
docs citations

17
times ranked

111
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid solar still by heat pump compression. Desalination, 2010, 250, 444-449.	8.2	45
2	Experimental and theoretical evaluation of a hybrid solar still integrated with an air compressor using ANN. , 0, 88, 52-59.		15
3	Thermodynamic analysis of a heat pump assisted active solar still. , 0, 154, 101-110.		14
4	Experimental investigation on the flow behaviour in a bubble pump of diffusion absorption refrigeration systems. Case Studies in Thermal Engineering, 2016, 8, 1-9.	5.7	13
5	Experimental validation of theoretical correlation for calculation of mass transfer in simple and hybrid solar stills. Desalination and Water Treatment, 2011, 26, 287-296.	1.0	8
6	Applications of nanotechnology in membrane distillation: a review study. , 0, 192, 61-77.		8
7	Effects of the simple/double glass cover use and the orientation of a simple solar still on operating parameters. Desalination and Water Treatment, 2011, 36, 383-391.	1.0	5
8	Correlation for Lewis number for evaluation of mass flow rate for simple/hybrid solar still. Desalination and Water Treatment, 2016, 57, 6209-6216.	1.0	4
9	Energetic, exergetic and entropic study in a simple and hybrid solar distiller. International Journal of Ambient Energy, 2020, , 1-8.	2.5	4
10	Supply of solar energy in vacuum membrane distillation. International Journal of Ambient Energy, 2022, 43, 2988-2999.	2.5	4
11	Modeling and simulation of water production for different solar still heights and condensation surfaces. , 0, 213, 26-34.		3
12	Study of vacuum membrane distillation coupled with solar energy. , 2017, , .		2
13	Manufacture of hydrophobic membranes using recycled polymers for the brackish water distillation. , 2020, , .		2
14	Integration of Al ₂ O ₃ , CuO, and TiO ₂ nanofluids for efficient solar desalination. , 0, 239, 41-53.		2
15	Comparative study of the performance of a locally manufactured membrane and the commercial one in vacuum distillation of brackish water. , 0, 247, 10-16.		2
16	Comparative study of phosphate solar drying processes. International Journal of Ambient Energy, 2019, , 1-8.	2.5	1
17	The effect of water droplets geometry on the performance of solar still. International Journal of Ambient Energy, 2022, 43, 7161-7172.	2.5	1