

Hasan Mousa

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

681
citations

933264

10
h-index

677027

22
g-index

22
all docs

22
docs citations

22
times ranked

519
citing authors

#	ARTICLE	IF	CITATIONS
1	Solar desalination using solar still enhanced by external solar collector and PCM. Applied Thermal Engineering, 2018, 128, 1030-1040.	3.0	246
2	Modeling and analysis the productivity of solar desalination units with phase change materials. Renewable Energy, 2016, 95, 225-232.	4.3	69
3	Theoretical modeling of a glass-cooled solar still incorporating PCM and coupled to flat plate solar collector. Journal of Energy Storage, 2020, 29, 101372.	3.9	69
4	Experimental study and analysis of solar still desalination using phase change materials. Journal of Energy Storage, 2019, 26, 100959.	3.9	66
5	Theoretical investigation of solar desalination with solar still having phase change material and connected to a solar collector. Desalination, 2018, 448, 60-68.	4.0	63
6	Using PCM as energy storage material in water tanks: Theoretical and experimental investigation. Journal of Energy Storage, 2019, 22, 1-7.	3.9	31
7	Desalination and hot water production using solar still enhanced by external solar collector. Desalination and Water Treatment, 2013, 51, 1296-1301.	1.0	26
8	Experimental Investigation of the Orthokinetic Coalescence Efficiency of Droplets in Simple Shear Flow. Journal of Colloid and Interface Science, 2001, 240, 340-348.	5.0	23
9	New RO TFC Membranes by Interfacial Polymerization in n-Dodecane with Various co-Solvents. Membranes, 2016, 6, 24.	1.4	15
10	Enhancing biogas production by anaerobic digestion of animal manure. International Journal of Green Energy, 2023, 20, 257-264.	2.1	14
11	The effect of phase change material on the water temperature in a solar basin: Theoretical and experimental investigation. Journal of Energy Storage, 2019, 25, 100871.	3.9	11
12	Experimental Investigation of the De-inking of Recycled Newspaper Using Plastic Particles. Separation Science and Technology, 1996, 31, 1093-1104.	1.3	9
13	Solar desalination unit with falling film. Desalination and Water Treatment, 2009, 3, 58-63.	1.0	9
14	Theoretical study of water desalination by a falling film solar unit. Desalination and Water Treatment, 2009, 12, 331-336.	1.0	8
15	Simulation and optimization of hybrid green energy systems for desalination purposes. Environmental Progress and Sustainable Energy, 2021, 40, e13515.	1.3	8
16	Evaluation of calcium content of drinking water supplies and its effect on calcium deficit in Jordan. Desalination and Water Treatment, 2010, 21, 181-188.	1.0	4
17	Semicontinuous solar drying of sludge from a waste water treatment plant. Journal of Renewable and Sustainable Energy, 2015, 7, 043137.	0.8	3
18	Improving the productivity of a falling film solar desalination unit. Desalination and Water Treatment, 2016, 57, 9602-9608.	1.0	2

#	ARTICLE	IF	CITATIONS
19	Experimental Measurement and Theoretical Prediction of the Temperatures and the Productivity of a Continuous Solar Desalination Unit with PCM. Applied Solar Energy (English Translation of) Tj ETQq1 1 0.784314 rgb /Overlock 10 T 5		
20	Removal of Copper, Lead, and Cadmium Ions in a Fluidized Bed. Separation Science and Technology, 2005, 39, 1751-1760.	1.3	1
21	Effect of Electrolytes on Formulation and Stability of Water/di-Ethyl Oxalate/Tween Microemulsions. Journal of Dispersion Science and Technology, 2011, 32, 749-754.	1.3	1
22	Pretreatment and acid hydrolysis of Omani Prosopis Juliflora wood. Journal of King Saud University, Engineering Sciences, 2023, 35, 359-365.	1.2	1