

Mostafa H Sharqawy

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

2,060
citations

759055

12
h-index

887953

17
g-index

17
all docs

17
docs citations

17
times ranked

1930
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of temperature variation on ice cream recrystallization during freezer defrost cycles. Journal of Food Engineering, 2022, 335, 111188.	2.7	2
2	Enhancement of heat transfer from a horizontal cylinder wrapped with whole and segmented layers of metal foam. International Journal of Heat and Mass Transfer, 2021, 165, 120675.	2.5	14
3	Experimental investigation of packed-bed cross-flow humidifier. Applied Thermal Engineering, 2017, 117, 584-590.	3.0	19
4	Construction of pore network models for Berea and Fontainebleau sandstones using non-linear programming and optimization techniques. Advances in Water Resources, 2016, 98, 198-210.	1.7	18
5	OpenPNM: A Pore Network Modeling Package. Computing in Science and Engineering, 2016, 18, 60-74.	1.2	235
6	Experimental performance of bubble column humidifier and dehumidifier under varying pressure. International Journal of Heat and Mass Transfer, 2016, 93, 934-944.	2.5	42
7	The effect of pressure on the performance of bubble column dehumidifier. International Journal of Heat and Mass Transfer, 2015, 87, 212-221.	2.5	24
8	Optimum thermal design of humidification dehumidification desalination systems. Desalination, 2014, 349, 10-21.	4.0	189
9	A review of hybrid desalination systems for co-production of power and water: analyses, methods, and considerations. Desalination and Water Treatment, 2013, 51, 5381-5401.	1.0	15
10	Bubble columns for condensation at high concentrations of noncondensable gas: Heat transfer model and experiments. AIChE Journal, 2013, 59, 1780-1790.	1.8	40
11	Experimental investigations on the performance of an air heated humidification-dehumidification desalination system. Desalination and Water Treatment, 2013, 51, 837-843.	1.0	27
12	Heat Exchangers Design Under Variable Overall Heat Transfer Coefficient: Improved Analytical and Numerical Approaches. Heat Transfer Engineering, 2010, 31, 1051-1056.	1.2	13
13	Thermodynamic analysis of humidification dehumidification desalination cycles. Desalination and Water Treatment, 2010, 16, 339-353.	1.0	274
14	Thermophysical properties of seawater: a review of existing correlations and data. Desalination and Water Treatment, 2010, 16, 354-380.	1.0	1,063
15	ENERGY EFFECTIVENESS OF SIMULTANEOUS HEAT AND MASS EXCHANGE DEVICES. Frontiers in Heat and Mass Transfer, 2010, 1, .	0.1	61
16	Efficiency and Optimization of a Straight Rectangular Fin with Combined Heat and Mass Transfer. Heat Transfer Engineering, 2008, 29, 1018-1026.	1.2	17