Ahmed F Mashaly

List of Publications by Year
in descending order

13 papers	316 citations	1051969 10 h-index
13 all docs	13 docs citations	13 times ranked

1255698 13 g-index
288 citing authors

#	Article	IF	Citations
1	Assessing the accuracy of ANN, ANFIS, and MR techniques in forecasting productivity of an inclined passive solar still in a hot, arid environment. Water S A, 2019, 45, .	0.2	5
2	Comparison of adaptive neuro-fuzzy inference system and multiple nonlinear regression for the productivity prediction of inclined passive solar still. Journal of Water Supply: Research and Technology - AQUA, 2019, 68, 98-110.	0.6	1
3	Membership function comparative investigation on productivity forecasting of solar still using adaptive neuro€fuzzy inference system approach. Environmental Progress and Sustainable Energy, 2018, 37, 249-259.	1.3	6
4	ANFIS modeling and sensitivity analysis for estimating solar still productivity using measured operational and meteorological parameters. Water Science and Technology: Water Supply, 2018, 18, 1437-1448.	1.0	17
5	Thermal performance analysis of an inclined passive solar still using agricultural drainage water and artificial neural network in arid climate. Solar Energy, 2017, 153, 383-395.	2.9	41
6	Artificial intelligence for predicting solar still production and comparison with stepwise regression under arid climate. Journal of Water Supply: Research and Technology - AQUA, 2017, 66, 166-177.	0.6	12
7	Comparison of ANN, MVR, and SWR models for computing thermal efficiency of a solar still. International Journal of Green Energy, 2016, 13, 1016-1025.	2.1	20
8	Neural network approach for predicting solar still production using agricultural drainage as a feedwater source. Desalination and Water Treatment, 2016, 57, 28646-28660.	1.0	26
9	Assessing the performance of solar desalination system to approach near-ZLD under hyper arid environment. Desalination and Water Treatment, 2016, 57, 12019-12036.	1.0	25
10	MLP and MLR models for instantaneous thermal efficiency prediction of solar still under hyper-arid environment. Computers and Electronics in Agriculture, 2016, 122, 146-155.	3.7	50
11	Comparative investigation of artificial neural network learning algorithms for modeling solar still production. Journal of Water Reuse and Desalination, 2015, 5, 480-493.	1.2	27
12	Predictive model for assessing and optimizing solar still performance using artificial neural network under hyper arid environment. Solar Energy, 2015, 118, 41-58.	2.9	71
13	Area determination of solar desalination system for irrigating crops in greenhouses using different quality feed water. Agricultural Water Management, 2015, 154, 1-10.	2.4	15