

# Ahmed F Mashaly

## List of Publications by Year in descending order

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13  
papers

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citations

933447

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1125743

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#	ARTICLE	IF	CITATIONS
1	Predictive model for assessing and optimizing solar still performance using artificial neural network under hyper arid environment. <i>Solar Energy</i> , 2015, 118, 41-58.	6.1	71
2	MLP and MLR models for instantaneous thermal efficiency prediction of solar still under hyper-arid environment. <i>Computers and Electronics in Agriculture</i> , 2016, 122, 146-155.	7.7	50
3	Thermal performance analysis of an inclined passive solar still using agricultural drainage water and artificial neural network in arid climate. <i>Solar Energy</i> , 2017, 153, 383-395.	6.1	41
4	Comparative investigation of artificial neural network learning algorithms for modeling solar still production. <i>Journal of Water Reuse and Desalination</i> , 2015, 5, 480-493.	2.3	27
5	Neural network approach for predicting solar still production using agricultural drainage as a feedwater source. <i>Desalination and Water Treatment</i> , 2016, 57, 28646-28660.	1.0	26
6	Assessing the performance of solar desalination system to approach near-ZLD under hyper arid environment. <i>Desalination and Water Treatment</i> , 2016, 57, 12019-12036.	1.0	25
7	Comparison of ANN, MVR, and SWR models for computing thermal efficiency of a solar still. <i>International Journal of Green Energy</i> , 2016, 13, 1016-1025.	3.8	20
8	ANFIS modeling and sensitivity analysis for estimating solar still productivity using measured operational and meteorological parameters. <i>Water Science and Technology: Water Supply</i> , 2018, 18, 1437-1448.	2.1	17
9	Area determination of solar desalination system for irrigating crops in greenhouses using different quality feed water. <i>Agricultural Water Management</i> , 2015, 154, 1-10.	5.6	15
10	Artificial intelligence for predicting solar still production and comparison with stepwise regression under arid climate. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2017, 66, 166-177.	1.4	12
11	Membership function comparative investigation on productivity forecasting of solar still using adaptive neuro-fuzzy inference system approach. <i>Environmental Progress and Sustainable Energy</i> , 2018, 37, 249-259.	2.3	6
12	Assessing the accuracy of ANN, ANFIS, and MR techniques in forecasting productivity of an inclined passive solar still in a hot, arid environment. <i>Water S A</i> , 2019, 45, .	0.4	5
13	Comparison of adaptive neuro-fuzzy inference system and multiple nonlinear regression for the productivity prediction of inclined passive solar still. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2019, 68, 98-110.	1.4	1