Ahmed H Abdel-Salam

List of Publications by Year
in descending order

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9 papers	550 citations	1162889 8 h-index	1474057 9 g-index
9 all docs	9 docs citations	9 times ranked	316 citing authors

#	Article	IF	Citations
1	Optimal design, sizing and operation of heat-pump liquid desiccant air conditioning systems. Science and Technology for the Built Environment, 2020, 26, 161-176.	0.8	8
2	Heat and mass transfer performance comparison between a direct-contact liquid desiccant packed bed and a liquid-to-air membrane energy exchanger for air dehumidification. Science and Technology for the Built Environment, 2017, 23, 2-15.	0.8	21
3	A Field Study of a Low-Flow Internally Cooled/Heated Liquid Desiccant Air Conditioning System: Quasi-Steady and Transient Performance. Journal of Solar Energy Engineering, Transactions of the ASME, 2016, 138, .	1.1	18
4	State-of-the-art in liquid desiccant air conditioning equipment and systems. Renewable and Sustainable Energy Reviews, 2016, 58, 1152-1183.	8.2	106
5	Annual evaluation of energy, environmental and economic performances of a membrane liquid desiccant air conditioning system with/without ERV. Applied Energy, 2014, 116, 134-148.	5.1	77
6	Thermo-economic performance of a solar membrane liquid desiccant air conditioning system. Solar Energy, 2014, 102, 56-73.	2.9	72
7	Capacity matching in heat-pump membrane liquid desiccant air conditioning systems. International Journal of Refrigeration, 2014, 48, 166-177.	1.8	34
8	Comparison of experimental data and a model for heat and mass transfer performance of a liquid-to-air membrane energy exchanger (LAMEE) when used for air dehumidification and salt solution regeneration. International Journal of Heat and Mass Transfer, 2014, 68, 119-131.	2.5	76
9	Performance analysis of a membrane liquid desiccant air-conditioning system. Energy and Buildings, 2013, 62, 559-569.	3.1	138