

Ahmed H Abdel-Salam

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

550
citations

1163117
8
h-index

1474206
9
g-index

9
all docs

9
docs citations

9
times ranked

316
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance analysis of a membrane liquid desiccant air-conditioning system. Energy and Buildings, 2013, 62, 559-569.	6.7	138
2	State-of-the-art in liquid desiccant air conditioning equipment and systems. Renewable and Sustainable Energy Reviews, 2016, 58, 1152-1183.	16.4	106
3	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.	10.1	77
4	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.	4.8	76
5	Thermo-economic performance of a solar membrane liquid desiccant air conditioning system. Solar Energy, 2014, 102, 56-73.	6.1	72
6	Capacity matching in heat-pump membrane liquid desiccant air conditioning systems. International Journal of Refrigeration, 2014, 48, 166-177.	3.4	34
7	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.	1.7	21
8	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, .	1.8	18
9	Optimal design, sizing and operation of heat-pump liquid desiccant air conditioning systems. Science and Technology for the Built Environment, 2020, 26, 161-176.	1.7	8