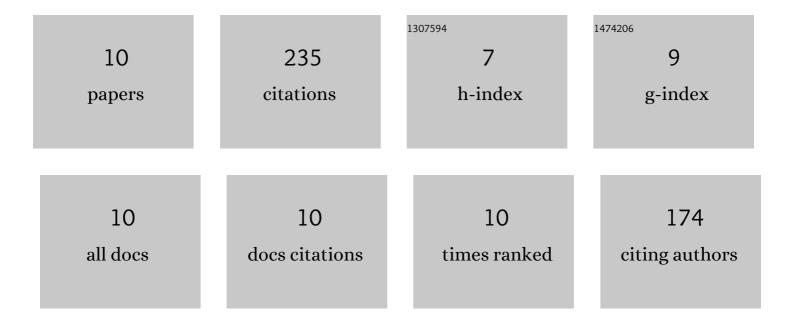
Emad M S El-Said

List of Publications by Year in descending order

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FMAD M S FL-SAID

#	Article	IF	CITATIONS
1	Performance enhancement of a double pass solar air heater by using curved reflector: Experimental investigation. Applied Thermal Engineering, 2022, 202, 117867.	6.0	26
2	A comprehensive review on pressurized thermal shock: predictive, preventive and safety issues. Journal of Thermal Analysis and Calorimetry, 2021, 146, 525-544.	3.6	7
3	Machine learning algorithms for improving the prediction of air injection effect on the thermohydraulic performance of shell and tube heat exchanger. Applied Thermal Engineering, 2021, 185, 116471.	6.0	58
4	Numerical investigations of fluid flow and heat transfer characteristics in solar air collector with curved perforated baffles. Engineering Reports, 2020, 2, e12142.	1.7	14
5	Experimental studies on inclined PV panel solar still with cover cooling and PCM. Journal of Thermal Analysis and Calorimetry, 2019, 138, 3987-3995.	3.6	39
6	Design considerations and their effects on the operation and maintenance cost in solarâ€powered desalination plants. Heat Transfer - Asian Research, 2019, 48, 1722-1736.	2.8	11
7	Experimental study on a modified solar power driven hybrid desalination system. Desalination, 2018, 443, 1-10.	8.2	58
8	A theoretical study of Cu-H2O nano-fluid effect on heat transfer enhancement of a solar water heater. International Journal of Ambient Energy, 2017, 38, 286-294.	2.5	3
9	Enhancement of heat and mass transfer performance on humidification tower using injection of different carrier gases into water bed. Applied Thermal Engineering, 2017, 111, 455-476.	6.0	15
10	Experimental investigation on thermo-hydraulic performance of a helical plate heat exchanger. Experimental Heat Transfer, 0, , 1-20.	3.2	4