

# Emad M S El-Said

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4429547/publications.pdf>

Version: 2024-02-01

10  
papers

235  
citations

1307594

7  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

174  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental study on a modified solar power driven hybrid desalination system. Desalination, 2018, 443, 1-10.	8.2	58
2	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
3	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
4	Performance enhancement of a double pass solar air heater by using curved reflector: Experimental investigation. Applied Thermal Engineering, 2022, 202, 117867.	6.0	26
5	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
6	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
7	Design considerations and their effects on the operation and maintenance cost in solar-powered desalination plants. Heat Transfer - Asian Research, 2019, 48, 1722-1736.	2.8	11
8	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
9	Experimental investigation on thermo-hydraulic performance of a helical plate heat exchanger. Experimental Heat Transfer, 0, , 1-20.	3.2	4
10	A theoretical study of Cu-H <sub>2</sub> O nano-fluid effect on heat transfer enhancement of a solar water heater. International Journal of Ambient Energy, 2017, 38, 286-294.	2.5	3