

# 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	Performance enhancement of a double pass solar air heater by using curved reflector: Experimental investigation. <i>Applied Thermal Engineering</i> , 2022, 202, 117867.	6.0	26
2	A comprehensive review on pressurized thermal shock: predictive, preventive and safety issues. <i>Journal of Thermal Analysis and Calorimetry</i> , 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. <i>Applied Thermal Engineering</i> , 2021, 185, 116471.	6.0	58
4	Numerical investigations of fluid flow and heat transfer characteristics in solar air collector with curved perforated baffles. <i>Engineering Reports</i> , 2020, 2, e12142.	1.7	14
5	Experimental studies on inclined PV panel solar still with cover cooling and PCM. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 3987-3995.	3.6	39
6	Design considerations and their effects on the operation and maintenance cost in solar-powered desalination plants. <i>Heat Transfer - Asian Research</i> , 2019, 48, 1722-1736.	2.8	11
7	Experimental study on a modified solar power driven hybrid desalination system. <i>Desalination</i> , 2018, 443, 1-10.	8.2	58
8	A theoretical study of Cu-H <sub>2</sub> O nano-fluid effect on heat transfer enhancement of a solar water heater. <i>International Journal of Ambient Energy</i> , 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. <i>Applied Thermal Engineering</i> , 2017, 111, 455-476.	6.0	15
10	Experimental investigation on thermo-hydraulic performance of a helical plate heat exchanger. <i>Experimental Heat Transfer</i> , 0, , 1-20.	3.2	4