

Mahmoud Ahmed Sharafeldin

List of Publications by Year in descending order

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papers

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1163117

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9
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9
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550
citing authors

#	ARTICLE	IF	CITATIONS
1	Evacuated tube solar collector performance using CeO ₂ /water nanofluid. Journal of Cleaner Production, 2018, 185, 347-356.	9.3	131
2	Experimental investigation of flat plate solar collector using CeO ₂ -water nanofluid. Energy Conversion and Management, 2018, 155, 32-41.	9.2	128
3	Efficiency of evacuated tube solar collector using WO ₃ /Water nanofluid. Renewable Energy, 2019, 134, 453-460.	8.9	105
4	Experimental study on the performance of a flat-plate collector using WO ₃ /Water nanofluids. Energy, 2017, 141, 2436-2444.	8.8	100
5	Evacuated tube solar collector performance using copper nanofluid: Energy and environmental analysis. Applied Thermal Engineering, 2019, 162, 114205.	6.0	77
6	Investigation of the effect of hybrid CuO-Cu/water nanofluid on the solar thermal energy storage system. Journal of Energy Storage, 2022, 50, 104675.	8.1	29
7	Experimental investigation of heat transfer and pressure drop of turbulent flow inside tube with inserted helical coils. Heat and Mass Transfer, 2017, 53, 1265-1276.	2.1	21
8	Convective heat transfer enhancement inside tubes using inserted helical coils. Thermal Engineering (English Translation of Teploenergetika), 2016, 63, 42-50.	0.9	20
9	An experimental study of a newly designed freezing desalination unit equipped with reversed vapor compression cycle. Case Studies in Thermal Engineering, 2021, 28, 101610.	5.7	5