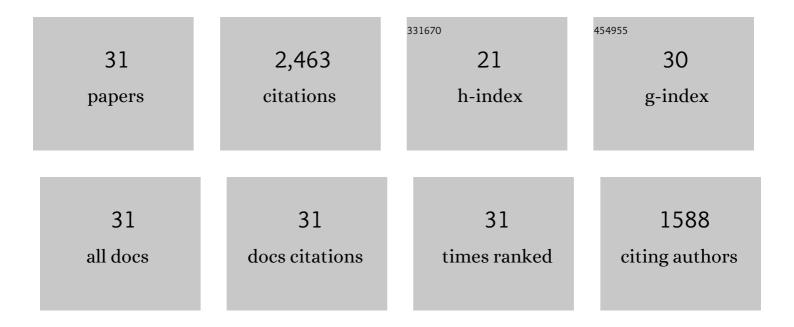
## S M Shalaby

List of Publications by Year in descending order

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S M SHALARY

#	Article	IF	CITATIONS
1	Solar drying of agricultural products: A review. Renewable and Sustainable Energy Reviews, 2012, 16, 37-43.	16.4	214
2	Experimental investigation of thermal performance of flat and v-corrugated plate solar air heaters with and without PCM as thermal energy storage. Energy Conversion and Management, 2016, 113, 264-272.	9.2	205
3	An experimental investigation of a v-corrugated absorber single-basin solar still using PCM. Desalination, 2016, 398, 247-255.	8.2	199
4	Thermal performance investigation of double pass-finned plate solar air heater. Applied Energy, 2011, 88, 1727-1739.	10.1	178
5	Solar dryers with PCM as energy storage medium: A review. Renewable and Sustainable Energy Reviews, 2014, 33, 110-116.	16.4	175
6	Experimental investigation of an indirect-mode forced convection solar dryer for drying thymus and mint. Energy Conversion and Management, 2013, 74, 109-116.	9.2	159
7	Investigation of thermal performance of-double pass-flat and v-corrugated plate solar air heaters. Energy, 2011, 36, 1076-1086.	8.8	157
8	Experimental investigation of a novel indirect solar dryer implementing PCM as energy storage medium. Energy Conversion and Management, 2014, 83, 1-8.	9.2	147
9	Applications of cascaded phase change materials in solar water collector storage tanks: A review. Solar Energy Materials and Solar Cells, 2019, 199, 24-49.	6.2	125
10	Factors affecting the thermal performance of the flat plate solar collector using nanofluids: A review. Solar Energy, 2019, 182, 382-396.	6.1	123
11	Reverse osmosis desalination powered by photovoltaic and solar Rankine cycle power systems: A review. Renewable and Sustainable Energy Reviews, 2017, 73, 789-797.	16.4	110
12	Improvement of thermal performance of the finned plate solar air heater by using latent heat thermal storage. Applied Thermal Engineering, 2017, 123, 546-553.	6.0	98
13	Reverse osmosis desalination systems powered by solar energy: Preheating techniques and brine disposal challenges – A detailed review. Energy Conversion and Management, 2022, 251, 114971.	9.2	75
14	Cost analysis for several solar desalination systems. Desalination, 2016, 384, 12-30.	8.2	74
15	Investigation of the Thermal Performances of Flat, Finned, and v-Corrugated Plate Solar Air Heaters. Journal of Solar Energy Engineering, Transactions of the ASME, 2016, 138, .	1.8	71
16	Performance assessment of solar PV-driven hybrid HDH-RO desalination system integrated with energy recovery units and solar collectors: Theoretical approach. Energy Conversion and Management, 2021, 239, 114215.	9.2	69
17	Membrane distillation driven by solar energy: A review. Journal of Cleaner Production, 2022, 366, 132949.	9.3	41
18	Experimental study of hybrid solar humidification dehumidification system for extremely saline water desalination. Energy Conversion and Management, 2021, 235, 114021.	9.2	31

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#	Article	IF	CITATIONS
19	Experimental study of the solar water heater integrated with shell and finned tube latent heat storage system. Journal of Energy Storage, 2020, 31, 101628.	8.1	30
20	Experimental study on the performance of PV with water cooling. Energy Reports, 2022, 8, 957-961.	5.1	27
21	Experimental Investigation of Drying Thymus Cut Leaves in Indirect Solar Dryer With Phase Change Material. Journal of Solar Energy Engineering, Transactions of the ASME, 2017, 139, .	1.8	25
22	Parametric study and heat transfer mechanisms of single basin v-corrugated solar still. Desalination and Water Treatment, 2015, 55, 285-296.	1.0	21
23	Experimental investigation and thermo-economic performance analysis of a modified solar distiller design with thermal storage material and v-corrugated absorber basin. Journal of Energy Storage, 2022, 52, 105020.	8.1	19
24	Development of an efficient nano-fluid cooling/preheating system for PV-RO water desalination pilot plant. Energy Conversion and Management, 2022, 268, 115960.	9.2	18
25	Design Recommendations for Humidification-dehumidification Solar Water Desalination Systems. Energy Procedia, 2017, 107, 270-274.	1.8	15
26	The effect of drying sweet basil in an indirect solar dryer integrated with phase change material on essential oil valuable components. Energy Reports, 2020, 6, 43-50.	5.1	13
27	Drying Nerium Oleander in an Indirect Solar Dryer Using Phase Change Material as an Energy Storage Medium. Journal of Clean Energy Technologies, 2015, 3, 176-180.	0.1	13
28	Investigation and Improvement of Thermal Performance of a Solar Air Heater Using Extended Surfaces Through the Phase Change Material. Journal of Solar Energy Engineering, Transactions of the ASME, 2020, 142, .	1.8	9
29	Aspen Plus simulation of a low capacity organic Rankine cycle heated by solar energy. Energy Reports, 2022, 8, 416-421.	5.1	9
30	Improvement of the Thermal Performance of the v-Corrugated Plate Solar Air Heater with PCM by Using Insulated Upper Cover during Night. , 2018, , .		7
31	Investigation and Improvement of the Humidification–Dehumidification Solar Water Desalination System Implemented Wick as Packing Material. Journal of Solar Energy Engineering, Transactions of the ASME, 2020, 142, .	1.8	6