Adnan Ibrahim

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29 papers	1,412 citations	14 h-index	33 g-index
33 ext. papers	1,769 ext. citations	5.8 avg, IF	4.69 L-index

#	Paper	IF	Citations
29	Performance Analysis of a Double Pass Solar Air Thermal Collector with Porous Media Using Lava Rock. *Energies*, **2022**, 15, 905	3.1	2
28	Outdoor performance evaluation of a novel photovoltaic heat sinks to enhance power conversion efficiency and temperature uniformity. *Case Studies in Thermal Engineering*, **2022**, 31, 101811	5.6	1
27	Prediction Model for the Performance of Different PV Modules Using Artificial Neural Networks. *Applied Sciences (Switzerland)*, **2022**, 12, 3349	2.6	2
26	Impact of photovoltaic grid-tied systems on national grid power factor in Palestine. *AIMS Energy*, **2022**, 10, 236-253	1.8	0
25	Heat Transfer Analysis of the Flat Plate Solar Thermal Collectors with Elliptical and Circular Serpentine Tubes. *Applied Sciences (Switzerland)*, **2022**, 12, 4519	2.6	0
24	Thermo-electro-hydraulic analysis of jet impingement bifacial photovoltaic thermal (JIBPVT) solar air collector. *Energy*, **2022**, 124366	7.9	0
23	Investigation of Potential of Solar Photovoltaic System as an Alternative Electric Supply on the Tropical Island of Mantanani Sabah Malaysia. *Sustainability*, **2021**, 13, 12432	3.6	3
22	Enhanced heat dissipation of truncated multi-level fin heat sink (MLFHS) in case of natural convection for photovoltaic cooling. *Case Studies in Thermal Engineering*, **2021**, 28, 101578	5.6	3
21	Experimental and economic analysis of passive cooling PV module using fins and planar reflector. *Case Studies in Thermal Engineering*, **2021**, 23, 100801	5.6	10
20	Exergy-based sustainability analysis of a dual fluid hybrid photovoltaic and thermal solar collector. *International Journal of Exergy*, **2021**, 35, 358	1.2	2
19	Recent advances in passive cooling methods for photovoltaic performance enhancement. *International Journal of Electrical and Computer Engineering*, **2021**, 11, 146	1.4	6
18	Solar adsorption air conditioning system Recent advances and its potential for cooling an office building in tropical climate. *Case Studies in Thermal Engineering*, **2021**, 27, 101275	5.6	1
17	An innovative technique of passive cooling PV module using lapping fins and planner reflector. *Case Studies in Thermal Engineering*, **2020**, 19, 100607	5.6	25
16	TiO2/water-based photovoltaic thermal (PVT) collector: Novel theoretical approach. *Energy*, **2019**, 183, 305-314	7.9	30
15	Optimal fin parameters used for enhancing the melting and solidification of phase-change material in a heat exchanger unite. *Case Studies in Thermal Engineering*, **2019**, 14, 100487	5.6	21
14	Evaluation and Design Criteria of Photovoltaic Thermal (PV/T). *Materials Today: Proceedings*, **2019**, 19, 1111-1118	1.4	2
13	Comparison of prediction methods of PV/T nanofluid and nano-PCM system using a measured dataset and artificial neural network. *Solar Energy*, **2018**, 162, 378-396	6.8	107

12	Energy economic analysis of photovoltaic□thermal-thermoelectric (PVT-TE) air collectors. *Renewable and Sustainable Energy Reviews*, **2018**, 92, 187-197	16.2	42
11	Comparison study of indoor/outdoor experiments of a photovoltaic thermal PV/T system containing SiC nanofluid as a coolant. *Energy*, **2018**, 151, 33-44	7.9	75
10	Concepts and Challenges of Nanofluids and Phase Change Material (PCM) in Photovoltaic Thermal (PV/T) Collectors: A Review. *Jurnal Kejuruteraan*, **2018**, SI1, 31-36	0	3
9	Energy and exergy analyses of photovoltaic thermal collector with ?-groove. *Solar Energy*, **2018**, 159, 742-750	6.8	46
8	Evaluation of the nanofluid and nano-PCM based photovoltaic thermal (PVT) system: An experimental study. *Energy Conversion and Management*, **2017**, 151, 693-708	10.6	214
7	Efficiencies and improvement potential of building integrated photovoltaic thermal (BIPVT) system. *Energy Conversion and Management*, **2014**, 77, 527-534	10.6	153
6	Performance analysis of photovoltaic thermal (PVT) water collectors. *Energy Conversion and Management*, **2014**, 78, 641-651	10.6	235
5	Performance Study of a Photovoltaic Thermal System With an Oscillatory Flow Design. *Journal of Solar Energy Engineering, Transactions of the ASME*, **2014**, 136,	2.3	10
4	Photovoltaic-thermal (PV/T) technology □The future energy technology. *Renewable Energy*, **2013**, 49, 171-174	8.1	48
3	Predicting the performance of amorphous and crystalline silicon based photovoltaic solar thermal collectors. *Energy Conversion and Management*, **2011**, 52, 1741-1747	10.6	54
2	Recent advances in flat plate photovoltaic/thermal (PV/T) solar collectors. *Renewable and Sustainable Energy Reviews*, **2011**, 15, 352-365	16.2	277
1	Hybrid Photovoltaic Thermal (PV/T) Air and Water Based Solar Collectors Suitable for Building Integrated Applications. *American Journal of Environmental Sciences*, **2009**, 5, 618-624	0.5	38