

Erhan Arslan

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

318
citations

1163117

8
h-index

1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

222
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance analysis of solar and solar-infrared dryer of mint and apple slices using energy-exergy methodology. Solar Energy, 2019, 180, 537-549.	6.1	86
2	Experimental and numerical investigation of a novel photovoltaic thermal (PV/T) collector with the energy and exergy analysis. Journal of Cleaner Production, 2020, 276, 123255.	9.3	58
3	Performance analyses of sustainable PV/T assisted heat pump drying system. Solar Energy, 2020, 199, 657-672.	6.1	54
4	4E analysis of infrared-convective dryer powered solar photovoltaic thermal collector. Solar Energy, 2020, 208, 46-57.	6.1	41
5	Experimental investigation of a novel thermal energy storage unit in the heat pump system. Journal of Cleaner Production, 2021, 311, 127607.	9.3	20
6	Energy-Exergy Analysis of A Novel Multi-Pass Solar Air Collector With Perforated Fins. International Journal of Renewable Energy Development, 2019, 8, 47-55.	2.4	13
7	Designing a novel solar-assisted heat pump system with modification of a thermal energy storage unit. Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy, 2019, 233, 588-603.	1.4	13
8	Performance investigation of a double pass PVT assisted heat pump system with latent heat storage unit. Applied Thermal Engineering, 2021, 199, 117524.	6.0	12
9	Designing of a New Type Air-Water Cooled Photovoltaic Collector. TehniÄki Glasnik, 2020, 14, 41-45.	0.7	7
10	Experimental and numerical assessment of PV-TvsPV by using waste aluminum as an industrial symbiosis product. Solar Energy, 2022, 234, 338-347.	6.1	4
11	Thermodynamic Analysis of Industrial Cooling Systems with the Usage of Different Types of Evaporators: Experimental Study. Gazi University Journal of Science, 2021, 34, 1145-1161.	1.2	3
12	EXPERIMENTAL ASSESSMENT OF COMPARATIVE R290VS. R449A REFRIGERANTS BY USING 3E (ENERGY, EXERGY) Tj ETQq0 0 0 rgBT /Ov 595-607.	1.6	3
13	Design of an innovative PV/T and heat pump system for greenhouse heating. Journal of Energy Systems, 0, , 58-70.	1.5	3
14	Determination of defrost efficiency and energy efficiency index value using different defrost methods and refrigerants: An experimental study. Science and Technology for the Built Environment, 2022, 28, 1012-1023.	1.7	1
15	3E Analysis of the Effect of Different Type of Fans on Cooling Performance Applied to an Industrial Deep Freezer. DÄ¼zce Äœniversitesi Bilim Ve Teknoloji Dergisi, 0, , 1621-1637.	0.7	0