

Alper Ergün

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7373311/publications.pdf>

Version: 2024-02-01

21
papers

530
citations

759233

12
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

520
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental analysis of CPV/T solar dryer with nano-enhanced PCM and prediction of drying parameters using ANN and SVM algorithms. <i>Solar Energy</i> , 2021, 218, 57-67.	6.1	69
2	Performance analysis of using CuO-Methanol nanofluid in a hybrid system with concentrated air collector and vacuum tube heat pipe. <i>Energy Conversion and Management</i> , 2019, 199, 111936.	9.2	64
3	Performance assessment of a V-trough photovoltaic system and prediction of power output with different machine learning algorithms. <i>Journal of Cleaner Production</i> , 2020, 268, 122269.	9.3	57
4	Performance analysis of a concentrated photovoltaic and thermal system. <i>Solar Energy</i> , 2016, 129, 217-223.	6.1	55
5	The history of greenhouse gas emissions and relation with the nuclear energy policy for Turkey. <i>International Journal of Ambient Energy</i> , 0, , 1-9.	2.5	40
6	Concentrated photovoltaic and thermal system application for fresh water production. <i>Applied Thermal Engineering</i> , 2020, 171, 115054.	6.0	38
7	The mathematical modeling of concentrated photovoltaic module temperature. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 19641-19653.	7.1	28
8	Thermodynamic analysis of a new design of temperature controlled parabolic trough collector. <i>Energy Conversion and Management</i> , 2013, 74, 505-510.	9.2	27
9	Energy exergy ANN analyses of solar-assisted fluidized bed dryer. <i>Drying Technology</i> , 2017, 35, 1711-1720.	3.1	27
10	Energy Analysis of a New Design of a Photovoltaic Cell-Assisted Solar Dryer. <i>Drying Technology</i> , 2013, 31, 1077-1082.	3.1	25
11	Determination of the heat transfer coefficient of PV panels. <i>Energy</i> , 2019, 175, 978-985.	8.8	21
12	A detailed analysis of CPV/T solar air heater system with thermal energy storage: A novel winter season application. <i>Journal of Building Engineering</i> , 2021, 42, 103097.	3.4	16
13	Performance assessment of a novel design concentrated photovoltaic system coupled with self-cleaning and cooling processes. <i>Environmental Progress and Sustainable Energy</i> , 2020, 39, e13416.	2.3	14
14	A detailed investigation of the temperature-controlled fluidized bed solar dryer: A numerical, experimental, and modeling study. <i>Sustainable Energy Technologies and Assessments</i> , 2022, 49, 101703.	2.7	13
15	Psychometric and thermodynamic analysis of new ground source evaporative cooling system. <i>Energy and Buildings</i> , 2016, 119, 20-27.	6.7	9
16	A New Hybrid System Design for Thermal Energy Storage. <i>Journal of Thermal Science</i> , 2020, 29, 1300-1308.	1.9	8
17	Energetic, exergetic, and thermoeconomic analyses of different nanoparticles-added lubricants in a heat pump water heater. <i>Case Studies in Thermal Engineering</i> , 2022, 33, 101975.	5.7	8
18	Assessment of a solar-assisted infrared timber drying system. <i>Environmental Progress and Sustainable Energy</i> , 2017, 36, 1875-1881.	2.3	6

#	ARTICLE	IF	CITATIONS
19	Psychrometric analysis of a timber dryer. Case Studies in Thermal Engineering, 2014, 2, 29-35.	5.7	5
20	Klima Santrallerinde YoÄŸuÄŸan Suyun Geri KazanÄ±mÄ±n Alternatif YÄŸentemler. DÄŸzce Äœniversitesi Bilim Ve Teknoloji Dergisi, 2018, 6, 893-901.	0.7	0
21	Energy and exergy analysis of a PV/thermal storage system design integrated with nano-enhanced phase changing material. International Journal of Exergy, 2020, 32, 82.	0.4	0