

Ilhan Ceylan

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,212
citations

361413

20
h-index

395702

33
g-index

39
all docs

39
docs citations

39
times ranked

1035
citing authors

#	ARTICLE	IF	CITATIONS
1	Cooling of a photovoltaic module with temperature controlled solar collector. Energy and Buildings, 2014, 72, 96-101.	6.7	87
2	Solar-assisted fluidized bed dryer integrated with a heat pump for mint leaves. Applied Thermal Engineering, 2016, 106, 899-905.	6.0	79
3	Determination of drying characteristics of apples in a heat pump and solar dryer. Desalination, 2009, 239, 266-275.	8.2	77
4	Energy and exergy analysis of timber dryer assisted heat pump. Applied Thermal Engineering, 2007, 27, 216-222.	6.0	71
5	The prediction of photovoltaic module temperature with artificial neural networks. Case Studies in Thermal Engineering, 2014, 3, 11-20.	5.7	70
6	Experimental analysis of CPV/T solar dryer with nano-enhanced PCM and prediction of drying parameters using ANN and SVM algorithms. Solar Energy, 2021, 218, 57-67.	6.1	69
7	Performance analysis of using CuO-Methanol nanofluid in a hybrid system with concentrated air collector and vacuum tube heat pipe. Energy Conversion and Management, 2019, 199, 111936.	9.2	64
8	Determination of Drying Characteristics of Timber by Using Artificial Neural Networks and Mathematical Models. Drying Technology, 2008, 26, 1469-1476.	3.1	58
9	Performance assessment of a V-trough photovoltaic system and prediction of power output with different machine learning algorithms. Journal of Cleaner Production, 2020, 268, 122269.	9.3	57
10	Performance analysis of a concentrated photovoltaic and thermal system. Solar Energy, 2016, 129, 217-223.	6.1	55
11	The history of greenhouse gas emissions and relation with the nuclear energy policy for Turkey. International Journal of Ambient Energy, 0, , 1-9.	2.5	40
12	Concentrated photovoltaic and thermal system application for fresh water production. Applied Thermal Engineering, 2020, 171, 115054.	6.0	38
13	Modeling of a hazelnut dryer assisted heat pump by using artificial neural networks. Applied Energy, 2008, 85, 841-854.	10.1	36
14	Energy and exergy analyses of a temperature controlled solar water heater. Energy and Buildings, 2012, 47, 630-635.	6.7	33
15	The mathematical modeling of concentrated photovoltaic module temperature. International Journal of Hydrogen Energy, 2017, 42, 19641-19653.	7.1	28
16	Energy, exergy and environmental impact analysis of concentrated PV/cooling system in Turkey. Solar Energy, 2019, 180, 567-574.	6.1	28
17	Thermodynamic analysis of a new design of temperature controlled parabolic trough collector. Energy Conversion and Management, 2013, 74, 505-510.	9.2	27
18	Energyâ€œexergyâ€œANN analyses of solar-assisted fluidized bed dryer. Drying Technology, 2017, 35, 1711-1720.	3.1	27

#	ARTICLE	IF	CITATIONS
19	Energy Analysis of a New Design of a Photovoltaic Cell-Assisted Solar Dryer. <i>Drying Technology</i> , 2013, 31, 1077-1082.	3.1	25
20	Energy, Exergy and Enviroeconomic (3E) analysis of concentrated PV and thermal system in the winter application. <i>Energy Reports</i> , 2019, 5, 262-270.	5.1	23
21	The artificial neural network model to estimate the photovoltaic modul efficiency for all regions of the Turkey. <i>Energy and Buildings</i> , 2014, 84, 258-267.	6.7	22
22	Determination of the heat transfer coefficient of PV panels. <i>Energy</i> , 2019, 175, 978-985.	8.8	21
23	Thermodynamic analysis of PID temperature controlled heat pump system. <i>Case Studies in Thermal Engineering</i> , 2014, 2, 42-49.	5.7	18
24	Investigation of life cycle CO2 emissions of the polycrystalline and cadmium telluride PV panels. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2020, 14, 100343.	2.9	17
25	Exergetic analysis of a new design photovoltaic and thermal <scp>(PV/T)</scp> System. <i>Environmental Progress and Sustainable Energy</i> , 2015, 34, 1249-1253.	2.3	16
26	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
27	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
28	Testing of a Condensation-type Heat Pump System for Low-temperature Drying Applications. <i>International Journal of Food Engineering</i> , 2014, 10, 521-531.	1.5	13
29	Environmental and economic assessment of a low energy consumption household refrigerator. <i>Engineering Science and Technology, an International Journal</i> , 2020, 23, 365-372.	3.2	13
30	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
31	Development and Analysis of a Multi-evaporator Cooling System with Electronic Expansion Valves. <i>Arabian Journal for Science and Engineering</i> , 2017, 42, 4513-4521.	3.0	10
32	Energy analysis of hazelnut drying system-assisted heat pump. <i>International Journal of Energy Research</i> , 2008, 32, 971-979.	4.5	9
33	A New Hybrid System Design for Thermal Energy Storage. <i>Journal of Thermal Science</i> , 2020, 29, 1300-1308.	1.9	8
34	Exergetic, economic and environmental analysis of temperature controlled solar air heater system. <i>Cleaner Engineering and Technology</i> , 2022, 6, 100369.	4.0	7
35	Assessment of a novel defrost method for PV/T system assisted sustainable refrigeration system. <i>Energy Conversion and Management</i> , 2022, 267, 115943.	9.2	7
36	Assessment of a solar-assisted infrared timber drying system. <i>Environmental Progress and Sustainable Energy</i> , 2017, 36, 1875-1881.	2.3	6

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37	Psychrometric analysis of a timber dryer. <i>Case Studies in Thermal Engineering</i> , 2014, 2, 29-35.	5.7	5
38	Energy Analysis of Concentrated Photovoltaic/Thermal Panels with Nanofluids. <i>International Journal of Thermodynamics</i> , 2021, 24, 227-236.	1.0	3
39	Solarmeter Design for High Solar Radiation Measurement and Experimental Validation. <i>El-Cezeri Journal of Science and Engineering</i> , 0, , .	0.1	2