

Alper Ergün

List of Publications by Year in descending order

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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 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | A New Hybrid System Design for Thermal Energy Storage. <i>Journal of Thermal Science</i> , 2020, 29, 1300-1308. | 1.9 | 8 |
| 7 | 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 |
| 8 | Concentrated photovoltaic and thermal system application for fresh water production. <i>Applied Thermal Engineering</i> , 2020, 171, 115054. | 6.0 | 38 |
| 9 | Energy and exergy analysis of a PV/thermal storage system design integrated with nano-enhanced phase changing material. <i>International Journal of Exergy</i> , 2020, 32, 82. | 0.4 | 0 |
| 10 | 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 |
| 11 | Determination of the heat transfer coefficient of PV panels. <i>Energy</i> , 2019, 175, 978-985. | 8.8 | 21 |
| 12 | Klima Santrallerinde YoĖuĖan Suyun Geri Kazanma'nın Alternatif Yöntemler. <i>Düzce Üniversitesi Bilim Ve Teknoloji Dergisi</i> , 2018, 6, 893-901. | 0.7 | 0 |
| 13 | Energy and exergy ANN analyses of solar-assisted fluidized bed dryer. <i>Drying Technology</i> , 2017, 35, 1711-1720. | 3.1 | 27 |
| 14 | Assessment of a solar-assisted infrared timber drying system. <i>Environmental Progress and Sustainable Energy</i> , 2017, 36, 1875-1881. | 2.3 | 6 |
| 15 | The mathematical modeling of concentrated photovoltaic module temperature. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 19641-19653. | 7.1 | 28 |
| 16 | Performance analysis of a concentrated photovoltaic and thermal system. <i>Solar Energy</i> , 2016, 129, 217-223. | 6.1 | 55 |
| 17 | Psychrometric and thermodynamic analysis of new ground source evaporative cooling system. <i>Energy and Buildings</i> , 2016, 119, 20-27. | 6.7 | 9 |
| 18 | Psychrometric analysis of a timber dryer. <i>Case Studies in Thermal Engineering</i> , 2014, 2, 29-35. | 5.7 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Thermodynamic analysis of a new design of temperature controlled parabolic trough collector. Energy Conversion and Management, 2013, 74, 505-510. | 9.2 | 27 |
| 20 | Energy Analysis of a New Design of a Photovoltaic Cell-Assisted Solar Dryer. Drying Technology, 2013, 31, 1077-1082. | 3.1 | 25 |
| 21 | 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 |