

Ahmet Duran Aahin

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

721
citations

933447

10
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

680
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | The First Design and Application of Floating Photovoltaic (FPV) Energy Generation Systems in Turkey with Structural and Electrical Performance. International Journal of Precision Engineering and Manufacturing - Green Technology, 2022, 9, 827-839. | 4.9 | 8 |
| 2 | Rooftop photovoltaic potential in Istanbul: Calculations based on LiDAR data, measurements and verifications. Applied Energy, 2021, 304, 117743. | 10.1 | 7 |
| 3 | Mapping of daylight illumination levels using global solar radiation data in and around Istanbul, Turkey. Weather, 2020, 75, 19-25. | 0.7 | 6 |
| 4 | Vertically solar irradiation exergy changes in the different layers of atmosphere. International Journal of Exergy, 2011, 9, 389. | 0.4 | 2 |
| 5 | Wind turbine power curve estimation based on cluster center fuzzy logic modeling. Journal of Wind Engineering and Industrial Aerodynamics, 2008, 96, 611-620. | 3.9 | 83 |
| 6 | A Review of Research and Development of Wind Energy in Turkey. Clean - Soil, Air, Water, 2008, 36, 734-742. | 1.1 | 18 |
| 7 | Solar Irradiation Estimation Methods from Sunshine and Cloud Cover Data. , 2008, , 145-173. | | 4 |
| 8 | A new formulation for solar irradiation and sunshine duration estimation. International Journal of Energy Research, 2007, 31, 109-118. | 4.5 | 35 |
| 9 | Thermodynamic analysis of solar photovoltaic cell systems. Solar Energy Materials and Solar Cells, 2007, 91, 153-159. | 6.2 | 137 |
| 10 | Development of New Spatio-Temporal Wind Exergy Maps. , 2006, , 475. | | 4 |
| 11 | Thermodynamic analysis of wind energy. International Journal of Energy Research, 2006, 30, 553-566. | 4.5 | 94 |
| 12 | New Spatio-Temporal Wind Exergy Maps. Journal of Energy Resources Technology, Transactions of the ASME, 2006, 128, 194-202. | 2.3 | 25 |
| 13 | Progress and recent trends in wind energy. Progress in Energy and Combustion Science, 2004, 30, 501-543. | 31.2 | 251 |
| 14 | Hourly wind velocity exceedence maps of Turkey. Energy Conversion and Management, 2003, 44, 549-557. | 9.2 | 18 |
| 15 | Monthly clearness index values of Turkey by harmonic analysis approach. Energy Conversion and Management, 2001, 42, 933-940. | 9.2 | 19 |
| 16 | Wind Energy Directional Spatial Correlation Functions and Application for Prediction. Wind Engineering, 2000, 24, 223-231. | 1.9 | 10 |