

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