

Personal Information

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Research Areas

Electrical and Electronics Engineering, Energy

Academic Titles / Tasks

Research Assistant, Istanbul Technical University, Enerji Enstitüsü, 2016 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Electric vehicles and charging infrastructure in Turkey: An overview**
Gönül Ö., Duman A. C. , Güler Ö.
Renewable and Sustainable Energy Reviews, vol.143, 2021 (Journal Indexed in SCI)
- II. **A home energy management system with an integrated smart thermostat for demand response in smart grids**
Duman A. C. , Erden H. S. , Gönül Ö., Güler Ö.
SUSTAINABLE CITIES AND SOCIETY, vol.65, 2021 (Journal Indexed in SCI)
- III. **Economic analysis of grid-connected residential rooftop PV systems in Turkey**
Duman A. C. , Güler Ö.
Renewable Energy, vol.148, pp.697-711, 2020 (Journal Indexed in SCI)
- IV. **Techno-economic analysis of off-grid photovoltaic LED road lighting systems: A case study for northern, central and southern regions of Turkey**
Duman A. C. , Güler Ö.
BUILDING AND ENVIRONMENT, vol.156, pp.89-98, 2019 (Journal Indexed in SCI)
- V. **Techno-economic analysis of off-grid PV LED road lighting systems for Antalya province of Turkey**
Duman A. C. , Güler Ö.
Light and Engineering, vol.27, no.2, pp.58-66, 2019 (Journal Indexed in SCI)
- VI. **Techno-economic analysis of off-grid PV/wind/fuel cell hybrid system combinations with a comparison of regularly and seasonally occupied households**
DUMAN A. C. , GÜLER Ö.
Sustainable Cities and Society, vol.42, pp.107-126, 2018 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Residential Load Scheduling Optimization for Demand-Side Management under Time-of-Use Rate**
Duman A. C. , Güler Ö., Devenci K., Gönül Ö.
6th International Istanbul Smart Grids and Cities Congress and Fair (ICSG), İstanbul, Turkey, 25 - 26 April 2018, pp.193-196
- II. **Techno-Economic Analysis of Off-grid Photovoltaic LED Road Lighting System for TURKEY**
DUMAN A. C. , GÜLER Ö.

Citations

Total Citations (WOS):137

h-index (WOS):4