

Lect. PhD SİBEL ÇEVİK BEKTAŞ

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Education

Postgraduate, Karadeniz Technical University, Fen Bilimleri , Elektrik Mühendisliği, Turkey 2015 - 2018

Dissertations

Postgraduate, YSA TABANLI GÜN ÖNCESİ SAATLİK GÜNEŞ IŞINIM KESTİRİMİ, Karadeniz Technical University, -, Elektrik Mühendisliği, 2018

Research Areas

Electrical and Electronics Engineering, Energy, Renewable energy, Engineering and Technology

Journal articles indexed in SCI, SSCI, and AHCI

- I. **Multi-objective day-ahead optimal energy scheduling of a grid connected distribution network consisting of renewable energy sources and storage units**
Bektaş S., Altaş İ. H.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.40, no.2, pp.1335-1346, 2025 (SCI-Expanded)
- II. **DWT-BILSTM-based models for day-ahead hourly global horizontal solar irradiance forecasting**
ÇEVİK BEKTAŞ S., ALTAŞ İ. H.
Neural Computing and Applications, vol.36, no.21, pp.13243-13253, 2024 (SCI-Expanded)

Articles Published in Other Journals

- I. **Prediction of Day Ahead Hourly Solar Radiation by Meteorological Forecasting Supported Artificial Neural Network: A Case Study for Trabzon Province**
Çevik Bektaş S., Çakmak R., Altaş İ. H.
JOURNAL OF INTELLIGENT SYSTEMS WITH APPLICATIONS, vol.1, no.2, pp.87-92, 2018 (Peer-Reviewed Journal)

Papers Presented at Peer-Reviewed Scientific Conferences

I. One Day-Ahead Optimal Scheduling in a 5 Bus Distribution Test System

Bektaş S., Hakki Altaş I.

14th International Conference on Electrical and Electronics Engineering, ELECO 2023, Virtual, Bursa, Turkey, 30 November - 02 December 2023, (Full Text)

II. Design of a MATLAB GUI for Day Ahead Forecasting of PV Panel Power

Çevik Bektaş S., Çakmak R., Altaş İ. H.

Akıllı Sistemlerde Yenilikler ve Uygulamaları, İzmir, Turkey, 31 October - 02 November 2019, pp.1-6, (Full Text)

III. A Day Ahead Hourly Solar Radiation Forecasting by Artificial Neural Networks: A Case Study for Trabzon Province

CEVIK S., Cakmak R., Altas I. H.

2017 International Artificial Intelligence and Data Processing Symposium (IDAP), Malatya, Turkey, 16 - 17 September 2017, (Full Text)

Metrics

Publication: 6

Citation (WoS): 5

Citation (Scopus): 7

H-Index (WoS): 1

H-Index (Scopus): 1