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International Researcher IDs

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Education Information

Doctorate, Bilecik Seyh Edebali University, Fen Bilimleri Enstitüsü, Elektronik Ve Bilgisayar Mühendisliği (Dr), Turkey
2019 - 2019

Postgraduate, Bilecik Seyh Edebali University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (YI) (Tezli), Turkey 2016 -
2019

Undergraduate, Bilecik Seyh Edebali University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey
2008 - 2012

Research Areas

Computer Sciences, Artificial Intelligence, Computer Learning and Pattern Recognition, Electrical and Electronics
Engineering

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Multiple decomposition-aided long short-term memory network for enhanced short-term wind power forecasting**

BALCI M., DOKUR E., YÜZGEÇ U., Erdogan N.

IET Renewable Power Generation, vol.18, no.3, pp.331-347, 2024 (SCI-Expanded)

Articles Published in Other Journals

- I. **A Combined Model based on Secondary Decomposition and LSTM Networks for Enhancing Wind Power Forecast**

BALCI M., YÜZGEÇ U., DOKUR E.

Electrica, 2024 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **A Comparative Analysis of Neural Network Prediction Models Based on Metaheuristic Algorithms for Wind Speed Forecasting**

Balcı M., Yüzgeç U., Dokur E.

7. International Ankara Multidisciplinary Studies Congress, Ankara, Turkey, 5 - 06 March 2024, pp.540-552

II. Adaptive Neuro Fuzzy Hybrid Models Based on Metaheuristic Algorithms for Wind Speed Forecasting

Balcı M., Yüzgeç U., Dokur E.

7. International Ankara Multidisciplinary Studies Congress, Ankara, Turkey, 5 - 06 March 2024, pp.553-562

III. Rüzgar Hızı Tahmini İçin Ayrıştırırmaya Dayalı Hibrit Yöntemlerin Karşılaştırmalı Bir Çalışması
BALCI M., DOKUR E., YÜZGEÇ U.

International Conference On Emerging Sources In Science, İstanbul, Turkey, 26 May 2022

IV. Raspberry Pi mini bilgisayarı ile ortam izleme sistemi geliştirilmesi

BALCI M., YÜZGEÇ U.

International Eurasian Conference on Science, Engineering and Technology, EurasianSciEnTech 2018, 22 - 23 November 2018, pp.74