

Lect. FURKAN BALCI

Personal Information

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Education Information

Postgraduate, Anadolu University, Institute Of Social Sciences, Department Of Economics, Turkey 2022 - Continues

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Dr), Turkey 2020 - Continues

Associate Degree, Anadolu University, Open Education Faculty, Department Of Foreign Trade, Turkey 2016 - 2022

Postgraduate, Nuh Naci Yazgan University, Institute Of Science, Elektrik-Elektronik Mühendisliği (YI) (Tezli), Turkey 2018 - 2020

Undergraduate, Erciyes University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 2015 - 2018

Dissertations

Postgraduate, Uzun kısa süreli bellek algoritması kullanılarak eeg tabanlı kimliklendirme sistemi tasarımı, Nuh Naci Yazgan University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), 2020

Research Areas

Computer Sciences, Biomedical Engineering, Electrical and Electronics Engineering, Engineering and Technology

Academic Titles / Tasks

Lecturer, Gazi University, Teknoloji Fakültesi, Elektrik - Elektronik Mühendisliği, 2020 - Continues

Articles Published in Other Journals

- I. **Faster R-CNN Structure for Computer Vision-based Road Pavement Distress Detection**
Balci F., Yılmaz S.
Journal of Polytechnic, no.Early View, pp.1-12, 2022 (Journal Indexed in ESCI)
- II. **LSTM ile EEG Tabanlı Kimliklendirme Sistemi Tasarımı**
Balci F., Oralhan Z.
Avrupa Bilim ve Teknoloji Dergisi, vol.1, pp.135-141, 2020 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **A Novel Attention-based LSTM-XGBoost Network for Classification of Atrial Fibrillation Signals**
Balci F.

International Conference on Artificial Intelligence and Applied Mathematics in Engineering (ICAIAME 2022), Baku, Azerbaijan, 20 - 22 May 2022, pp.1-3

II. Dispersion Entropy-based Fuzzy Classification for Motor Imagery Electroencephalogram

Balcı F.

International Conference on Artificial Intelligence and Applied Mathematics in Engineering (ICAIAME 2022), Baku, Azerbaijan, 20 - 22 May 2022, pp.1-3

III. Classification Of Neurodegenerative Diseases With Hybrid Deep Learning And Machine Learning Method For Detection Using Gait Rhythm Signal

Demirel A. N. , Demir E., Alpağut B., Balcı F.

International Conference on Artificial Intelligence and Applied Mathematics in Engineering (ICAIAME 2022), Baku, Azerbaijan, 21 - 22 May 2022, pp.1-3

IV. EEG Based Identification System Design via LSTM

BALCI F., ORALHAN Z.

Human-Computer Interaction, Optimization and Robotic Applications, Ankara, Turkey, 26 - 27 July 2020

Supported Projects

Balcı F., Demirel A. N. , TUBITAK Project, Elektroensefalografi (EEG) İşaretiyle Yapay Zeka Tabanlı Kişi Kimlik Tespiti, 2022 - 2023

Activities in Scientific Journals

Gazi Üniversitesi Fen Bilimleri Dergisi Part: C Tasarım ve Teknoloji, Technical Redactor, 2021 - 2021

Scholarships

2211 - Yurt İçi Lisansüstü Burs Programı, TUBITAK, 2020 - Continues