

Lect. Elif İzci

Personal Information

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Education Information

Postgraduate, Izmir Katip Celebi University, Institute Of Science, Department Of Biomedical Technologies (Interdisciplinary), Turkey 2018 - 2021

Undergraduate, Izmir Katip Celebi University, Faculty Of Engineering-Architecture, Department Of Biomedical Engineering, Turkey 2013 - 2018

Research Areas

Biomedical Engineering, Biosignal Processing

Academic Titles / Tasks

Lecturer, Van Yüzüncü Yil University, Erciş Meslek Yüksekokulu, Elektronik Ve Otomasyon Bölümü, 2021 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Synthesis, characterization and investigation of thermal, mechanical and antibacterial properties of boric acid-incorporated polyurethane foams**
Surdem S., Yorukoglu A., Ozturk S., Izci E., Yilmaz G.
BULLETIN OF MATERIALS SCIENCE, vol.45, no.1, 2022 (Journal Indexed in SCI)
- II. **EEG-based emotion recognition with deep convolutional neural networks**
Ozdemir M. A. , Degirmenci M., Izci E., Akan A.
BIOMEDICAL ENGINEERING-BIOMEDIZINISCHE TECHNIK, vol.66, no.1, pp.43-57, 2021 (Journal Indexed in SCI)
- III. **Arrhythmic Heartbeat Classification Using 2D Convolutional Neural Networks**
Degirmenci M., Ozdemir M., Izci E., Akan A.
IRBM, 2021 (Journal Indexed in SCI Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **An EEG and machine learning based method for the detection of major depressive disorder Majör depresif bozukluğun tespiti için EEG ve makine öğrenmesi tabanlı bir yöntem**
Izci E., Ozdemir M. A. , Akan A., Ozcoban M. A. , Arikan M. K.
29th IEEE Conference on Signal Processing and Communications Applications, SIU 2021, Virtual, Istanbul, Turkey, 9 - 11 June 2021
- II. **ECG Arrhythmia Detection with Deep Learning Derin Öğrenme ile EKG Aritmi Tespiti**
Izci E., Degirmenci M., Ozdemir M. A. , Akan A.
28th Signal Processing and Communications Applications Conference, SIU 2020, Gaziantep, Turkey, 5 - 07 October

2020

III. Cardiac arrhythmia detection from 2d ecg images by using deep learning technique

Izci E., Ozdemir M. A. , Degirmenci M., Akan A.

2019 Medical Technologies Congress, TIPTEKNO 2019, İzmir, Turkey, 3 - 05 October 2019

IV. Arrhythmia Detection on ECG Signals by Using Empirical Mode Decomposition

Izci E., Özdemir M. A. , Sadighzadeh R., Akan A.

2018 Medical Technologies National Congress, TIPTEKNO 2018, Magusa, Cyprus (Gkry), 8 - 10 November 2018

Citations

Total Citations (WOS):3

h-index (WOS):1