

Personal Information

Email: zubeyirozcan@ktu.edu.tr

Web: <https://avesis.ktu.edu.tr/zubeyirozcan>

International Researcher IDs

ScholarID: zHBswC0AAAAJ

ORCID: 0000-0003-1661-5141

Publons / Web Of Science ResearcherID: R-1522-2019

ScopusID: 57195222479

Yoksis Researcher ID: 229161



Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, -, Turkey 2017 - 2024

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, -, Turkey 2014 - 2017

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik-Elektronik, Turkey 2010 - 2014

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Investigating the performance of realistic neural networks in speaker recognition, Karadeniz Technical University, Fen Bilimleri Enstitüsü, -, 2024

Postgraduate, Konuşmacı Aşinalığının EEG Tabanlı Belirlenmesi, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği A.B.D., 2017

Research Areas

Biomedical Engineering, Biosignal Processing, Biosignal Processing, Engineering and Technology

Academic Titles / Tasks

Research Assistant PhD, Karadeniz Technical University, Fen Bilimleri Enstitüsü, -, 2015 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A STUDY ON MEASURING AN OBJECTIVE ASPECT SCORE FOR ANALYSIS IN FORESTRY: EXAMPLE OF FOREST ROADS AND LANDSLIDE AREAS**
HATAY T. Y., ÖZCAN Z., GÜMÜŞ S.
SUMARSKI LIST, vol.148, no.9-10, pp.465-475, 2024 (SCI-Expanded)
- II. **Improving a cortical pyramidal neuron model's classification performance on a real-world ecg dataset by extending inputs**
Kayikcioglu Bozkir I., Özcan Z., Kose C., Kayikcioglu T., Cetin A. E.
JOURNAL OF COMPUTATIONAL NEUROSCIENCE, vol.51, no.3, pp.329-341, 2022 (SCI-Expanded)
- III. **Evaluating MFCC-based speaker identification systems with data envelopment analysis**
ÖZCAN Z., KAYIKÇIOĞLU T.
Expert Systems with Applications, vol.168, 2021 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **BroomyCell: An introductory educational software for neuroscience BroomyCell: Sinirbilim için tanıtıcı bir eğitim yazılımı**
Özcan Z., Yildirim O., Kayıkçıoğlu T.
29th IEEE Conference on Signal Processing and Communications Applications, SIU 2021, Virtual, Istanbul, Turkey, 9 - 11 June 2021
- II. **BİYOLOJİK NÖRONLARIN FARKLI AKIM UYARIMLARINDA DİNAMİĞİNİN İNCELENMESİ**
TURHAN H., KAYIKÇIOĞLU T., ÖZCAN Z.
2. ULUSLARARASI 19 MAYIS YENİLİKÇİ BİLİMSEL YAKLAŞIMLAR KONGRESİ, Samsun, Turkey, 27 - 29 December 2019
- III. **Simulation of biological networks.**
YILDIRIM Ö., ÖZCAN Z., turhan h., KAYIKÇIOĞLU T.
17th Turkish Neuroscience Congress, Trabzon, Turkey, 4 - 07 April 2019
- IV. **Simulation of morphologically and biophysically realistic single nerve cells using user-friendly software**
ÖZCAN Z., KAYIKÇIOĞLU İ., yıldırım ö., KÖSE C., KAYIKÇIOĞLU T.
17th Turkish Neuroscience Congress, Trabzon, Turkey, 4 - 07 April 2019, pp.540
- V. **Cell Master: A Versatile and User-Friendly Educational Software for Simulation of Neuronal Dynamics**
ÖZCAN Z., KAYIKÇIOĞLU İ., Yildirim O., KÖSE C., KAYIKÇIOĞLU T.
Medical Technologies National Congress (TIPTEKNO), Magusa, CYPRUS, 8 - 10 November 2018
- VI. **Network Master: A Versatile and User-Friendly Educational Software for Simulation of Neural Networks**
Yildirim O., ÖZCAN Z., TURHAN H., KAYIKÇIOĞLU T.
Medical Technologies National Congress (TIPTEKNO), Magusa, CYPRUS, 8 - 10 November 2018
- VII. **A Speaker Identification Performance Comparison Based on The Classifier, The Computation Time and The Number Of MFCC**
Özcan Z., Kayıkçıoğlu T.
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017

Scientific Refereeing

ENERGY STORAGE MATERIALS, Journal Indexed in SCI-E, January 2022
29th Signal Processing and Communications Applications Conference (SIU), Conference Paper (Full Text), June 2021
RADIOELEKTRONIKA 2021, Conference Paper (Full Text), April 2021

Metrics

Publication: 10

Citation (Scopus): 2

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Congress and Symposium Activities

Ulusal Sinirbilim Kongresi, Attendee, Trabzon, Turkey, 2019

Medical Technologies National Congress (TIPTEKNO), Attendee, Gazimagusa, Cyprus (Kktc), 2018

25th Signal Processing and Communications Applications Conference (SIU), Attendee, Antalya, Turkey, 2017

Awards

Özcan Z., Kayıkçiođlu İ., Yıldırım Ö., Köse C., Kayıkçiođlu T., Sözlü Sunum İkincilik Ödülü, 17. Ulusal Sinirbilim Kongresi, April 2019