

Res. Asst. ZÜBEYİR ÖZCAN

Personal Information

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Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği A.B.D., Turkey 2017 - Continues

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği A.B.D., Turkey 2014 - 2017

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

Foreign Languages

English, C1 Advanced

Dissertations

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, Karadeniz Technical University, Fen Bilimleri Enstitüsü, -, 2015 - Continues

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

- I. **Evaluating MFCC-based speaker identification systems with data envelopment analysis**
ÖZCAN Z., KAYIKÇIOĞLU T.
Expert Systems with Applications, vol.168, 2021 (Journal Indexed in SCI)

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., Kayıkçioğlu 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

Şimşek H., Kayıkçioğlu T., Özcan Z.

2. ULUSLARARASI 19 MAYIS YENİLİKÇİ BİLİMSEL YAKLAŞIMLAR KONGRESİ, Samsun, Turkey, 27 - 29 December 2019, vol.1, pp.893-900

III. Simulation of biological networks.

Yıldırım Ö., Özcan Z., Şimşek H., Kayıkçioğlu T.

17. Ulusal Sinirbilim Kongresi, Trabzon, Turkey, 4 - 07 April 2019, pp.1

IV. Simulation of morphologically and biophysically realistic single nerve cells using user-friendly software.

Özcan Z., Kayıkçioğlu İ., Yıldırım Ö., Köse C., Kayıkçioğlu T.

17. Ulusal Sinirbilim Kongresi, Trabzon, Turkey, 4 - 07 April 2019, pp.1

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

Yıldırım 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., Kayıkçioğlu T.

25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017

Scientific Refereeing

29th Signal Processing and Communications Applications Conference (SIU), Conference Paper (Full Text), June 2021

RADIOELEKTRONIKA 2021, Conference Paper (Full Text), April 2021

Edit Congress and Symposium Activities

Ulusal Sinirbilim Kongresi, Attendee, Trabzon, Turkey, 2019

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

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

Awards

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