Res. Asst. Ömer Faruk KARAASLAN

Personal Information

Email: omerfk@yildiz.edu.tr
Web: https://avesis.yildiz.edu.tr/omerfk
Address: Yıldız Teknik Üniversitesi Fen Bilimleri Enstitüsü Taş Bina, Oda: A-2017 Esenler, İstanbul

International Researcher IDs

ScholarID: SEgvdW0AAAAJ
ORCID: 0000-0003-2492-1798
ScopusID: 56246623500
Yoksis Researcher ID: 118397

Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Computer Engineering, Turkey 2015 - Continues
Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Computer Engineering, Turkey 2013 - 2015
Undergraduate, Yildiz Technical University, Faculty Of Electrical & Electronics, Computer Engineering, Turkey 2008 - 2012

Foreign Languages

English, C2 Mastery
French, B1 Intermediate

Certificates, Courses and Trainings

Personal Evolution, Hızlı Okuma, İSMEK, 2019
Personal Evolution, Diksiyon, İSMEK, 2016

Dissertations

Postgraduate, Biyomedikal İşaret ve Görüntülerde Görgül Kip Ayrışımı Empirical Mode Decomposition on Biomedical Signals and Images , Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Bilgisayar Mühendisliği Bölümü/Bilgisayar Mühendisliği Anabilim Dalı, 2015

Research Areas

Computer Sciences, Computer Vision, Artificial Intelligence, Computer Learning and Pattern Recognition, Computer Learning, Pattern Recognition and Image Processing, Neural Networks, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, -, 2019 - Continues
Research Assistant, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Bilim Ve Teknoloji
Uygulama Ve Araştırma Merkezi, 2014 - 2019

Academic and Administrative Experience

Research Assistant, Yildiz Technical University, Graduate School of Natural and Applied Sciences, 2019 - Continues
Research Assistant, Yildiz Technical University, Rectorate, Rectorate, 2014 - 2019

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Sulfur/oxygen-doped porous carbons via NaCl-assisted thermolysis of a molecular precursor for
CO2 capture**
ZAMAN A. C., KARAASLAN Ö. F.
MATERIALS CHEMISTRY AND PHYSICS, vol.276, 2022 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. **Comparison of Data-Driven and Morphological Features for Cell Segmentation in Histopathological
Images**
KARAASLAN Ö. F., BİLGİN G.
IEEE 29th Signal Processing and Communications Applications Conference (SIU'21), İstanbul, Turkey, 9 - 11 June
2021, vol.1, pp.1-4

II. **Comparison of Variational Mode Decomposition and Empirical Mode Decomposition Features for
Cell Segmentation in Histopathological Images**
KARAASLAN Ö. F., BİLGİN G.
2020 Medical Technologies Congress (TIPTEKNO), Antalya, Turkey, 19 - 20 November 2020, pp.1-4

III. **Classification of FTIR Spectra of Olive Oil with Features of Variational Mode Decomposition and
Wavelet Transform**
KARAASLAN Ö. F., BİLGİN G.
IEEE 27th Signal Processing and Communications Applications Conference (SIU 2019), Sivas, Turkey, 24 - 26 April
2019, pp.1-4

IV. **ECG Classification with Emprical Mode Decomposition Denoised by Wavelet Transform**
KARAASLAN Ö. F., BİLGİN G.
22nd IEEE Signal Processing and Communications Applications Conference (SIU), Trabzon, Turkey, 23 - 25 April
2014, pp.694-697

Scientific Research / Working Group Memberships

Signal And Image Processing Laboratory (Simplab), Yildiz Technical University, Türkiye,
http://www.simplab.yildiz.edu.tr/, 2013 - Continues

Metrics

Publication: 5
Citation (WoS): 4
Citation (Scopus): 11

H-Index (WoS): 1
H-Index (Scopus): 2

Congress and Symposium Activities

27. IEEE Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Working Group, Sivas, Turkey, 2019

22nd Signal Processing and Communications Applications Conference, Working Group, Trabzon, Turkey, 2014