Lect. SEVAL BULUT ERİŞ

Personal Information

Office Phone: +90 224 294 2665 Extension: 61753

Fax Phone: +90 224 715 3361

Email: sevalbulut@uludag.edu.tr

Web: https://avesis.uludag.edu.tr/sevalbulut

Address: Bursa Uludağ Üniversitesi İnegöl Meslek Yüksekoukulu Turgutalp Mah. Mahmut Esat Bey Cad. No:208 16400
İnegöl/BURSA

International Researcher IDs
ORCID: 0000-0001-8681-1848

ScopusID: 57226391202

Yoksis Researcher ID: 226706

Education Information

Doctorate, Sakarya University, Faculty Of Engıneerıng, Department Of Electrıcal And Electronıcs Engıneerıng, Turkey
2018 - Continues

Undergraduate, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, ELEKTRİK-ELEKTRONİK MÜHENDİSLİĞİ, Turkey
2014 - 2017

Postgraduate, Marmara University, Institute For Graduate Studies İn Pure And Applied Sciences, Department Of
Electronics-Computer Education, Turkey 2008 - 2011

Undergraduate, Marmara University, Faculty Of Technical Education, Electronic And Computer Education, Turkey 2003 -
2007

Foreign Languages

English, B1 Intermediate

Certificates, Courses and Trainings

Vocational Training, L3 Airbus A320 tip Simülatör Eğitimi, L3 Link Simulation and Training, 2012

Dissertations

Postgraduate, Identity recognition by analysis of iris images, Marmara University, Institute For Graduate Studies İn Pure
And Applied Sciences, Department Of Electronics-Computer Education, 2011

Research Areas

Signal Processing, Artificial Intelligence, Computer Learning and Pattern Recognition, Biosignal Processing, Electrical and
Electronics Engineering, Electronic

Academic Titles / Tasks

Research Assistant, Bursa Uludağ University, İNEGÖL MYO, ELEKTRİK VE ENERJİ, 2015 - Continues

Courses

Associate Degree
DC DEVRE ANALİZİ, Associate Degree, 2020 - 2021
OFFICE SOFTWARE, Associate Degree, 2020 - 2021
NUMERICAL ELECTRONICS, Associate Degree, 2020 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

I.   **A Huge Innovation in Diagnosis of Obstructive Sleep Apnea Syndrome: With an Artificial Intelligence-Based Algorithm, Obstructive Sleep Apnea Syndrome Can Now Be Diagnosed With Pulmonary Function Test**
Eris S., BOZKURT M. R., Eris O., BİLGİN C.
IEEE ACCESS, vol.13, pp.15376-15389, 2025 (SCI-Expanded)

II. **An Artificial Intelligence-Based Approach With Photoplethysmogram and Heart Rate Variability for Sleep Bruxism Diagnosis**
Eris O., Bozkurt M. R., Eris S., Bilgin C.
IEEE Access, 2025 (SCI-Expanded)

Articles Published in Other Journals

I.   **A review of the relationship between flow-volume curve and obstructive sleep apnea**
Bulut Eriş S., Bilgin C., Eriş Ö., Bozkurt M. R.
INTERNATIONAL JOURNAL OF MEDICAL ENGINEERING AND INFORMATICS, vol.1, no.1, pp.1-11, 2023 (Scopus)

II. **Mamografik Kitle Sınıfının Makine Öğrenmesi Teknikleri ile Tespiti**
ERİŞ Ö., BULUT ERİŞ S., BOZKURT M. R.
Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, vol.11, no.1, pp.164-175, 2022 (Peer-Reviewed Journal)

Papers Published in Refereed Scientific Meetings

I.   **IIR Based Digital Filter Design for Denoising the Photoplethysmography Signal**
ERİŞ Ö., BİLGİN C., BULUT ERİŞ S., BOZKURT M. R.
2021 29th Signal Processing and Communications Applications Conference (SIU), İstanbul, Turkey, 09 June 2021, pp.1-4

Metrics

Publication: 5
Citation (Scopus): 3
H-Index (Scopus): 1

Non Academic Experience

Company, Türkish Airlines , Simulator, technician