

## Lect. ÖMER ERİŞ

### Personal Information

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### International Researcher IDs

ORCID: 0000-0003-1687-5912

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### Education Information

Doctorate, Sakarya University, Institute Of Science, Electrical,Electronic Engineer, Turkey 2018 - Continues

Undergraduate, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 2015 - 2017

Postgraduate, Marmara University, Institute For Graduate Studies İn Pure And Applied Sciences, Elektronik-Haberleşme Eğitimi (YI) (Tezli), Turkey 2007 - 2010

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

### Foreign Languages

English, B1 Intermediate

### Dissertations

Postgraduate, Mikrodenetleyici Tabanlı Kablosuz Veri Toplama Uygulamaları, Marmara University, Institute For Graduate Studies İn Pure And Applied Sciences, Department Of Electronics-Computer Education, 2010

### Research Areas

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

### Academic Titles / Tasks

Lecturer, Bursa Uludağ University, İNEGÖL MYO, ELEKTRİK VE ENERJİ, 2009 - Continues

### Academic and Administrative Experience

## Courses

### Associate Degree

MEASUREMENT TECHNIQUE, Associate Degree, 2021 - 2022

POWER ELECTRONICS I, Associate Degree, 2021 - 2022

TRANSMISSION AND DISTRIBUTION OF ELECTRICAL POWER, Associate Degree, 2021 - 2022

ELECTRICAL POWER STATIONS, Associate Degree, 2021 - 2022

INSTOLATION INFORMATION, Associate Degree, 2021 - 2022

## 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
- II. **İnternet Üzerinden Hasta Takibi Amaçlı PIC Mikrodenetleyici Tabanlı Kablosuz Pals-Oksimetre Ölçme Sistemi Tasarımı ve LabVIEW Uygulaması**  
Eriş Ö., Korkmaz H., Toker K., Buldu A.  
VII. Ulusal Tıp Bilişimi Kongresi, Gazimagusa, Cyprus (Kkct), 14 - 17 October 2010, pp.16-25

## Metrics

Publication: 6

Citation (Scopus): 3

H-Index (Scopus): 1

## **Non Academic Experience**

GELECEK YÖNETİM MERKEZİ BİLGİ TEKNOLOJİLERİ, SERVİS MÜHENDİSİ