

## Res. Asst. ERDİNÇ TÜRK



### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: C-8474-2018

ScopusID: 57209020107

Yoksis Researcher ID: 267960

### Education Information

Doctorate, Akdeniz University, Institute of Science, Bilgisayar Mühendisliği (İngilizce),  
Turkey 2020 - Continues

Postgraduate, Akdeniz University, Institute of Science, Bilgisayar Mühendisliği (İngilizce),  
Turkey 2017 - 2020

Undergraduate, Akdeniz University, Faculty Of Engineering, Elektrik-Elektronik  
Mühendisliği, Turkey 2008 - 2014

### Dissertations

Postgraduate, Bowel Activity Detection Algorithm With Active Noise Cancellation For IoT Devices, Akdeniz University,  
Institute of Science, Institute of Science, 2020

### Research Areas

Computer Vision, Artificial Intelligence, Computer Learning and Pattern Recognition, Biosignal Processing

### Academic Titles / Tasks

Research Assistant, Akdeniz University, Faculty of Engineering, Department of Computer Engineering, 2017 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Practical Performability Assessment for ZigBee-Based Sensors in the IoT Era**  
ULUŞAR Ü. D., Celik G., TÜRK E., Al-Turjman F., Guvenc H.  
PERFORMABILITY IN INTERNET OF THINGS, pp.21-31, 2019 (SCI-Expanded)
- II. **IoT and Edge Computing as a Tool for Bowel Activity Monitoring**  
ULUŞAR Ü. D., TÜRK E., ÖZTAŞ A., Savli A. E., ÖĞÜNÇ G., CANPOLAT M.

## Books

- I. **IoT and edge computing as a tool for bowel activity monitoring**  
Uluşar Ü. D., Türk E., Öztaş A. S., Savli A. E., Öğünç G., Canpolat M.  
in: Edge Computing, Fadi Al-Turjman, Editor, Springer Nature, Zürich, pp.133-144, 2018
- II. **Practical Performability Assessment for ZigBee-Based Sensors in the IoT Era**  
Uluşar Ü. D., Çelik G., Türk E., Al-Turjman F., Güvenç H.  
in: Performability in Internet of Things, Fadi Al-Turjman, Editor, Springer Nature, Zürich, pp.21-31, 2018

## Papers Published in Refereed Scientific Meetings

- I. **Primer Sjögren sendromunun tanımlanmasında yapay zeka yönteminin etkinliği**  
ÜNAL M., ÖĞÜT T. S., ERBASAN F., TÜRK E., TERZİOĞLU M. E., DANIŞMAN T., YAZISIZ V.  
XXIV. Ulusal Romatoloji Kongresi, Antalya, Turkey, 26 - 30 October 2024
- II. **Active Noise Cancellation for IoT-Driven Electronic Stethoscope: A Comparative Study of Adaptive Filters**  
Türk E., Uluşar Ü. D., Öğünç G., Canpolat M., Yaprak M.  
1st EAI International Conference on Forthcoming Networks and Sustainability in the IoT Era, FoNeS 2020, Virtual, Online, 1 - 02 October 2020, vol.353, pp.11-24
- III. **Accurate Indoor Localization for ZigBee Networks**  
ULUŞAR Ü. D., ÇELİK G., TÜRK E., Al-Turjman F., GÜVENÇ H.  
3rd International Conference on Computer Science and Engineering (UBMK), Sarajevo, Bosnia And Herzegovina, 20 - 23 September 2018, pp.514-517
- IV. **Bioacoustic Sensor System for Automatic Detection of Bowel Sounds**  
Öztaş A. S., TÜRK E., ULUŞAR Ü. D., CANPOLAT M., YAPRAK M., KAZANIR S., ÖĞÜNÇ G., DOĞRU V., CANAGIR O. C.  
Medical Technologies National Conference (TIPTEKNO), Bodrum, Turkey, 15 - 18 October 2015
- V. **Wireless Bioacoustic Sensor System for Automatic Detection of Bowel Sounds**  
TÜRK E., ÖZTAŞ A. S., ULUŞAR Ü. D., CANPOLAT M., KAZANIR S., YAPRAK M., ÖĞÜNÇ G., DOĞRU V., CANAGIR O. C.  
19th National Biomedical Engineering Meeting (BIYOMUT), İstanbul, Turkey, 5 - 06 November 2015

## Supported Projects

DANIŞMAN T., TÜRK E., Project Supported by Higher Education Institutions, Panoramic Video Panoptic Segmentation for Enhanced Perception in Autonomous Driving, 2024 - Continues  
ULUŞAR Ü. D., TÜRK E., Güvenç H., Project Supported by Higher Education Institutions, Gastrointestinal Aktivitenin Modellenmesi İçin Çoklu Algılayıcı Dizisi Tasarımı, 2020 - 2022

## Metrics

Publication: 9

Citation (WoS): 17

Citation (Scopus): 18

H-Index (WoS): 3

H-Index (Scopus): 3