

## Lect. FAZIL DUMAN

### Personal Information

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### International Researcher IDs

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### Biography

He completed his primary, secondary and high school education in Ankara. He graduated from Başkent University, Faculty of Engineering, Department of Electrical and Electronics Engineering in 2002. He worked as a research assistant at the same university between 2002 and 2006. He became a lecturer in 2006. He worked as an Electronics Engineer in various companies between 2008-2018. He has been working at Ankara Yıldırım Beyazıt University since 2018. In addition to his duties at the university, he works as a consultant in some defense industry companies.

### Education Information

Doctorate, Baskent University, Faculty Of Engineering, Department Of Biomedical Engineering, Turkey 2015 - Continues  
Postgraduate, Ankara University, Faculty Of Engineering, Department Of Electrical And Electronics Engineering, Turkey 2003 - 2005

Undergraduate, Baskent University, Faculty Of Engineering, Department Of Electrical And Electronics Engineering, Turkey 1998 - 2002

### Dissertations

Postgraduate, EEG SİNYALLERİNİN ANALİZİ İLE UYKU DURUMUNUN BELİRLENMES, Ankara University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2005

### Research Areas

Engineering and Technology

### Academic Titles / Tasks

Lecturer, Ankara Yıldırım Beyazıt University, Teknik Bilimler Meslek Yüksekokulu, Elektronik ve Otomasyon Bölümü, 2022 - Continues

Lecturer, Ankara Yıldırım Beyazıt University, Sağlık Hizmetleri Meslek Yüksekokulu, Elektronik ve Otomasyon, 2018 - 2022

Lecturer, Baskent University, 2006 - 2007

Research Assistant, Baskent University, 2002 - 2006

## Academic and Administrative Experience

Head of Department, Ankara Yildirim Beyazit University, Teknik Bilimler Meslek Yüksekokulu, 2022 - Continues

Head of Department, Ankara Yildirim Beyazit University, Sağlık Hizmetleri Meslek Yüksekokulu, Elektronik ve Otomasyon, 2019 - 2022

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

- I. **A wavelet and teager energy operator based method for automatic detection of K-Complex in sleep EEG**  
Erdamar A., Duman F., Yetkin S.  
Expert Systems with Applications, vol.39, no.1, pp.1284-1290, 2012 (SCI-Expanded)
- II. **Efficient sleep spindle detection algorithm with decision tree**  
Duman F., Erdamar A., Eroglu O., Telatar Z., Yetkin S.  
Expert Systems with Applications, vol.36, no.6, pp.9980-9985, 2009 (SCI-Expanded)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Otomatik Uyku İğciği Tespiti İçin Farklı Bir Yaklaşım**  
DUMAN F., YETKİN S., Aslan Ö. C., ERDAMAR A.  
13.Ulusal Uyku Tıbbi Kongresi, Antalya, Turkey, 12 - 16 December 2012
- II. **Otomatik K Kompleks Tespit Algoritması**  
ERDAMAR A., DUMAN F., YETKİN S.  
13.Ulusal Uyku Tıbbi Kongresi, Antalya, Turkey, 12 - 16 December 2012
- III. **Uyku İğciklerinin Belirlenmesinde Otomatik Karar Verme Tabanlı Algoritma**  
DUMAN F., ERDAMAR A., EROĞUL O., TELATAR Z., YETKİN S.  
10. Ulusal Uyku Tıbbi Kongresi, Antalya, Turkey, 8 - 12 December 2009

## Metrics

Publication: 5

Citation (Scopus): 110

H-Index (Scopus): 2