

## Res. Asst. MUHAMMED YUSUF ONAY

### Personal Information

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### Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Dr), Turkey 2019 - Continues

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Elektrik Elektronik Mühendisliği A.B.D., Turkey 2016 - 2019

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik-Elektronik, Turkey 2010 - 2014

### Dissertations

Postgraduate, Modeling and performance analysis of wirelessly powered backscatter communication networks, Hacettepe University, Fen Bilimleri Enstitüsü, Elektrik Elektronik Mühendisliği A.B.D., 2019

### Academic Titles / Tasks

Research Assistant, Gazi University, Fen Bilimleri Enstitüsü, Elektrik Elektronik Mühendisliği, Mühendislik Fakültesi, 2019 - Continues

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

- I. Ambient Backscatter Communication Based Cooperative Relaying for Heterogeneous Cognitive Radio Networks**  
ONAY M. Y., ERTUĞ Ö.  
Radioengineering, vol.32, no.2, pp.237-247, 2023 (SCI-Expanded)

### Refereed Congress / Symposium Publications in Proceedings

- I. Performance Analysis of Joint Backscattering and Energy Harvesting Full-Duplex Access Points in Wireless Cellular Area Networks** Kablosuz Hücresel Alan Ağlarında Ortak Geri Saçılım ve Enerji Hasadı Çift Yönlü Erişim Noktalarının Performans Analizi  
ONAY M. Y., ERTUĞ Ö.  
31st IEEE Conference on Signal Processing and Communications Applications, SIU 2023, İstanbul, Turkey, 5 - 08 July 2023
- II. Transmission Performance Analysis of Cognitive Radio Based Backscatter Communication Systems**  
Onay M. Y., Durak M. H., Ertuğ Ö.  
International Conference on Electrical and Electronics Engineering, ELECO, Bursa, Turkey, 25 November 2021

**III. Performance Analysis of TV, FM and WiFi signals in backscatter communication networks Geri Saçılım Haberleşme Ağlarında TV, FM ve WiFi Sinyallerinin Başarım Analizi**

ONAY M. Y., DÜLEK B.

27th Signal Processing and Communications Applications Conference, SIU 2019, Sivas, Turkey, 24 - 26 April 2019

**Metrics**

Publication: 4

Citation (WoS): 3

Citation (Scopus): 5

H-Index (WoS): 1

H-Index (Scopus): 1