

Res. Asst. TAYFUN YILMAZ



## Personal Information

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## International Researcher IDs

ORCID: 0000-0002-0507-4098

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## Biography

Research Interests :

NOMA - OMA

LIS - RIS

Diversity Techniques

Space-Time Block Coding

Antennas

Unmanned Aerial Vehicles

## Education Information

Doctorate, Yildiz Technical University, Faculty Of Electrical & Electronics, Electronics And Communication Engineering, Turkey 2021 - Continues

Postgraduate, Yildiz Technical University, Faculty Of Electrical & Electronics, Electronics And Communication Engineering, Turkey 2019 - 2021

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Nanobilim Nanomühendislik, Turkey 2018 - 2019

Undergraduate, Trakya University, Faculty Of Engineering, Department Of Electrical And Electronics Engineering, Turkey 2013 - 2017

## Foreign Languages

English, C1 Advanced

## Dissertations

Postgraduate, Dikgen olmayan çoklu erişim tekniğine dayalı haberleşme sistemlerinde uzay zaman kodlama tekniklerinin performansının incelenmesi, Yildiz Technical University, Faculty Of Electrical & Electronics, Electronics And Communication Engineering, 2021

## Research Areas

Electrical and Electronics Engineering

## Academic Titles / Tasks

Research Assistant, Kocaeli University, Havacılık Ve Uzay Bilimleri Fakültesi, Havacılık Elektrik Elektronik, 2019 - Continues

## Articles Published in Other Journals

- I. **UAV-Assisted NOMA-Based Network with Alamouti Space-Time Block Coding**  
Yılmaz T., Ayrancı A. A. , Bacanlı E., İlhan H.  
Politeknik Dergisi, vol.24, pp.1, 2021 (Journal Indexed in ESCI)

## Refereed Congress / Symposium Publications in Proceedings

- I. **UAV-Assisted IoT Communication Network Using STLC Technique**  
Yılmaz T., İlhan H.  
2022 30th Signal Processing and Communications Applications Conference (SIU), Karabük, Turkey, 15 - 18 May 2022, pp.1-4
- II. **Performance of downlink NOMA network using space-time line coding technique Uzay-zaman hat kodlama tekniğini kullanan aşağı yönde NOMA ağınin performansi**  
YILMAZ T., Ayrancı A. A. , İLHAN H.  
29th IEEE Conference on Signal Processing and Communications Applications, SIU 2021, Virtual, Istanbul, Turkey, 9 - 11 June 2021

## Scientific Refereeing

30. IEEE SİNYAL İŞLEME ve İLETİŞİM UYGULAMALARI KURULTAYI, Conference Paper (Full Text), May 2022
29. IEEE SİNYAL İŞLEME ve İLETİŞİM UYGULAMALARI KURULTAYI, Conference Paper (Full Text), April 2021

## Metrics

Publication: 3

## Congress and Symposium Activities

30. IEEE SİNYAL İŞLEME ve İLETİŞİM UYGULAMALARI KURULTAYI , Attendee, Karabük, Turkey, 2022
29. IEEE SİNYAL İŞLEME ve İLETİŞİM UYGULAMALARI KURULTAYI, Attendee, İstanbul, Turkey, 2021