

Res. Asst. TAYFUN YILMAZ



## Personal Information

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## International Researcher IDs

ORCID: 0000-0002-0507-4098

Yoksis Researcher ID: 313540

## 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 (ESCI)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Performance Analysis of Massive MIMO Network with Space-Time Line Coded OFDM under Practical Impairments**  
Yılmaz T., Coşkun A. F., İlhan H.  
2023 IEEE International Black Sea Conference on Communications and Networking (BlackSeaCom), İstanbul, Turkey, 4 - 07 July 2023, pp.123-128
- II. **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
- III. **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, İstanbul, 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: 4

## Congress and Symposium Activities

- 2023 IEEE International Black Sea Conference on Communications and Networking (BlackSeaCom), Attendee, İstanbul, Turkey, 2023
30. IEEE SİNYAL İŞLEME ve İLETİŞİM UYGULAMALARI KURULTAYI, Attendee, Karabük, Turkey, 2022
  29. IEEE SİNYAL İŞLEME ve İLETİŞİM UYGULAMALARI KURULTAYI, Attendee, İstanbul, Turkey, 2021

## Non Academic Experience

