

## Lect. ZAFER YILDIRIM

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: HGU-1939-2022

Yoksis Researcher ID: 380165

### Education Information

Doctorate, Kayseri University, Lisansüstü Eğitim Enstitüsü, Elektrik-elektronik mühendisliği, Turkey 2022 - Continues

Postgraduate, Kayseri University, Lisansüstü Eğitim Enstitüsü, Elektrik-elektronik mühendisliği, Turkey 2020 - 2022

Undergraduate, Selcuk University, Faculty Of Technology, Department Of Electrical And Electronics Engineering, Turkey 2014 - 2020

### Foreign Languages

English, B1 Intermediate

### Dissertations

Postgraduate, Yapay zeka optimizasyon algoritmaları ile anten dizi sentezi, Kayseri University, Lisansüstü Eğitim Enstitüsü, 2022

### Research Areas

Electromagnetic

### Academic Titles / Tasks

Lecturer, 2022 - Continues

### Courses

Siber Güvenliğin Temelleri, Undergraduate, 2023 - 2024

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

- I. **An optimal concentric circular antenna array design using atomic orbital search for communication systems**  
Durmus A., Yildirim Z., KURBAN R., KARAKÖSE E.  
Frequenz, vol.78, no.9-10, pp.543-558, 2024 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Design and Comparative Analysis of E-Shape and H-Shape Microstrip Patch Antenna for IoT Application**  
Durmus A., YILDIRIM Z.  
Mühendislik bilimleri ve arařtırmaları dergisi (Online), vol.6, no.1, pp.88-97, 2024 (Peer-Reviewed Journal)
- II. **Synthesis of Linear Antenna Arrays with Physics Based AOA, CryStAl and LA Algorithms**  
DURMUŐ A., YILDIRIM Z.  
Mühendislik bilimleri ve arařtırmaları dergisi (Online), vol.2, no.4, pp.164-172, 2022 (Peer-Reviewed Journal)
- III. **SIDELOBE REDUCTION OF LINEAR ANTENNA ARRAY BY POSITION-ONLY CONTROL USING NOVEL METAHEURISTIC OPTIMIZATION METHODS**  
DURMUŐ A., YILDIRIM Z.  
Eskiřehir Osmangazi Üniversitesi mühendislik ve mimarlık fakültesi dergisi (online), vol.2, no.30, pp.171-179, 2022 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Atomik Yörünge Arama Algoritması Kullanarak Doğrusal Anten Dizi Sentezi**  
Durmus A.  
International Congress on Scientific Advances (ICONSAD'21), Balıkesir, Turkey, 22 December 2021
- II. **Classification of Benign and Malignant Tumors by Machine Learning Methods using MRI Images of the Brain**  
KARAKÖSE E., KURBAN R., DURMUŐ A., YILDIRIM Z.  
3rd International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2021), online, Turkey, 15 December 2021, pp.85

## Supported Projects

Yıldırım Z., Durmuş A., Project Supported by Other Official Institutions, Farklı Tiplerde ve Boyutlardaki Anten Dizilerinin Yeni Yapay Zeka Metotları ile Tasarımı, 2021 - 2022

## Awards

Yıldırım Z., Genç Fikirler Fabrikası, Bilim Sanayi Ve Teknoloji Bakanlığı, January 2024