

## Res. Asst. HANDE BODUR

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: F-6131-2018

Yoksis Researcher ID: 251054

### Education Information

Doctorate, Kocaeli University, Mühendislik Fakültesi, Elektronik ve Haberleşme Mühendisliği, Turkey 2017 - Continues

Postgraduate, Kocaeli University, Mühendislik Fakültesi, Elektronik ve Haberleşme Mühendisliği, Turkey 2015 - 2017

Undergraduate, Kocaeli University, Mühendislik Fakültesi, Elektronik ve Haberleşme Mühendisliği, Turkey 2011 - 2015

### Research Areas

Electromagnetic Waves, Antennas and Propagation

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

- I. **Scattering suppression with dual-band single-layer mantle cloak for cylindrical metasurface**  
BODUR H., ÇİMEN S.  
AEU - International Journal of Electronics and Communications, vol.168, 2023 (SCI-Expanded)
- II. **Reflectarray antenna design with double cutted ring element for X-band applications**  
BODUR H., ÇİMEN S.  
MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, vol.62, no.10, pp.3248-3254, 2020 (SCI-Expanded)
- III. **RCS reduction of reflectarray using new variable size FSS method**  
Unaldi S., Bodur H., Çimen S., Çakır G.  
AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS, vol.117, 2020 (SCI-Expanded)
- IV. **Single layer reflectarray antenna design with variable size patches for X-band applications**  
BODUR H., ÇİMEN S.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.34, no.4, pp.1861-1869, 2019 (SCI-Expanded)
- V. **Broadband single-layer reflectarray antenna for X-band applications**  
BODUR H., Unaldi S., ÇİMEN S., ÇAKIR G.  
IET MICROWAVES ANTENNAS & PROPAGATION, vol.12, no.10, pp.1609-1612, 2018 (SCI-Expanded)

### Articles Published in Other Journals

- I. **A Novel Reflectarray Antenna with Reduced RCS**  
Bodur H., Ünalı S., Çimen S., Çakır G.

## Refereed Congress / Symposium Publications in Proceedings

- I. **Silindirik Nesnelerde Elektromanyetik Saçılmanın Azaltılması için Tek Katmanlı Yüzey Tasarımı**  
Bodur H., Çimen S.  
XI. URSI-TR 2023 BİLİMSEL KONGRESİ ULUSAL GENEL KURUL TOPLANTISI, İstanbul, Turkey, 31 August - 02 September 2023, pp.1-3
- II. **Mantle Cloak Desing of a Dielectric Cylinder for Scattering Cancellation**  
BODUR H., ÇİMEN S.  
30th Telecommunications forum TELFOR 2022, Belgrade, Serbia, 15 November 2022, pp.1-3
- III. **UYUMLU MESH-GRİD ŞEKİLLİ FREKANS SEÇİCİ YÜZEY (FSY) KULLANILARAK SİLİNDİRİK NESNELER İÇİN MANTO PELERİNİNİN ANALİZİ VE GERÇEKLEŞTİRİLMESİ**  
Al Hasan A., BODUR H., ÇİMEN S.  
International Marmara Sciences Congress (Imascon 2022 Spring), Turkey, 13 May 2022
- IV. **A Closely Located Dual-Band FSS Design for XBand Applications**  
ÜNALDI S., BODUR H., ÇİMEN S., ÇAKIR G.  
AIS 2017 • 12th International Symposium on Applied Informatics and Related Areas • November 9, 2017, 09 November 2017, pp.75-78
- V. **Design of X Band Single-Layer Reflectarray with Novel Element**  
ÜNALDI S., BODUR H., ÇİMEN S., ÇAKIR G.  
5th International Conference on Advanced Technology Sciences (ICAT'xx17), İstanbul, Turkey, 9 - 12 May 2017, pp.588-590
- VI. **A NEW BROADBAND REFLECTARRAY ANTENNA WITH MODIFIED CIRCULAR PATCH**  
BODUR H., ÜNALDI S., ÇİMEN S., ÇAKIR G.  
5th International Conference on Advanced Technology Sciences (ICAT'xx17), İstanbul, Turkey, 9 - 12 May 2017, pp.517-519
- VII. **A Novel Reflectarray Antenna Combined with Double Layer FSS for RCS Reduction**  
BODUR H., Unaldi S., ÇİMEN S., ÇAKIR G.  
25th Telecommunication Forum (TELFOR), Belgrade, Serbia And Montenegro, 21 - 22 November 2017, pp.456-458
- VIII. **A Novel Reflecarray Antenna Backed With Double Layer FSS for RCS Reduction**  
BODUR H., ÇİMEN S., ÇAKIR G., Unaldi S.  
International Applied-Computational-Electromagnetics-Society Symposium - Italy (ACES), Firenze, Italy, 26 - 30 March 2017
- IX. **X Bant Uygulamalar için Tek Katmanlı Geniş Bant Yansıtıcı Dizi Anten Tasarımı**  
BODUR H., ÜNALDI S., ÇİMEN S., ÇAKIR G.  
URSI- Türkiye'2016 VIII. Bilimsel Kongresi, Ankara, Turkey, 1 - 03 September 2016
- X. **X-BANT UYGULAMALAR İÇİN TEK KATMANLI GENİŞ BANT YANSITICI DİZİ ANTEN TASARIMI**  
BODUR H., ÜNALDI S., ÇİMEN S., ÇAKIR G.  
URSI-TÜRKİYE'2016 VIII. Bilimsel Kongresi, Turkey, 1 - 03 September 2016
- XI. **A Novel Broadband Single Layer Reflectarray Antenna Design For X Band Applications**  
BODUR H., ÜNALDI S., ÇİMEN S., ÇAKIR G.  
ICENS 2016, 2nd International Conference on Engineering and Natural Sciences, Bosnahersek, 24 - 28 May 2016
- XII. **A Novel dual band FSS reflector for RCS reduction**  
ÜNALDI S., BODUR H., ÇİMEN S., ÇAKIR G.  
ICENS 2016, 2nd International Conference on Engineering and Natural Sciences, Bosnahersek, 24 - 28 May 2016

## Supported Projects

Çakır G., Çimen S., TUBITAK Project, Frekans Seçici Yüzey Fsy Arka Yüzlü Düşük Radar Kesit Alanlı Geniş Bant Mikroşerit Yansıtıcı Dizi Anten Yda Tasarımı, 2015 - 2017

## Metrics

Publication: 18

Citation (WoS): 43

Citation (Scopus): 64

H-Index (WoS): 3

H-Index (Scopus): 4