

## Assoc. Prof. Gökhan ÖZTÜRK

### Personal Information

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### International Researcher IDs

ScholarID: 01XB2kQAAAAJ

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Publons / Web Of Science ResearcherID: AAD-5427-2020

ScopusID: 57202736593

Yoksis Researcher ID: 111872

### Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Elektrik Elektronik Mühendisliği Anabilim Dalı, Turkey 2014 - 2018

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Elektrik Elektronik Mühendisliği Anabilim Dalı, Turkey 2011 - 2014

Undergraduate, Firat University, Faculty Of Engineering, Elektrik Elektronik Mühendisliği Bölümü, Turkey 2004 - 2009

### Foreign Languages

English, C1 Advanced

### Certificates, Courses and Trainings

Vocational Training, BAYBURT ÜNİVERSİTESİ'NDE LİSANSÜSTÜ ÖĞRENCİLER-ARAŞTIRMACILAR ARAŞTIRMA BECERİLERİNİ GELİŞTİRİYOR, Bayburt Üniversitesi, 2022

### Dissertations

Doctorate, Homojen ve homojen olmayan bianizotropik metalmalzemelerin elektromanyetik özelliklerinin incelenmesi / Investigation of electromagnetic properties of homogeneous and inhomogeneous bianisotropic metamaterials, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Elektrik Elektronik Mühendisliği Anabilim Dalı, 2018

Postgraduate, Düzlemsel ortamlarda elektromanyetik dalgaların yayılımının FDTD ile analizi / Propagation analysis of electromagnetic waves by FDTD in the planar medium, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Elektrik Elektronik Mühendisliği Anabilim Dalı, 2014

### Research Areas

Electrical and Electronics Engineering, Electromagnetic, Wave Propagation and Remote Sensing, Electric and Magnetic Fields, Electromagnetic Band Spacing Structures, Electromagnetic Environment and Interaction, Electromagnetic Waves, Antennas and Propagation, Electromagnetic Metrology, Passive Microwave Circuits, Planar Buildings, Semi-Stable Analysis, Engineering and Technology

## Academic Titles / Tasks

Associate Professor, Ataturk University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, 2023 - Continues

Assistant Professor, Ataturk University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, 2019 - 2023

Research Assistant, Kafkas University, Faculty Of Engineering-Architecture, Department Of Electrical And Electronics Engineering, 2012 - 2018

Research Assistant, Iğdir University, Faculty Of Engineering, Department Of Electrical And Electronics Engineering, 2010 - 2012

## Academic and Administrative Experience

Coordinator of The Rectorate, Ataturk University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, 2021 - Continues

Atatürk Üniversitesi, Elektromanyetik Alanlar Ve Mikrodalga Tekniği, 2019 - Continues

Deputy Head of Department, Ataturk University, Mühendislik Fakültesi, 2019 - 2021

## Courses

Elektrik Elektronik Mühendisliği Seçmeli Tasarımı II, Undergraduate, 2021 - 2022, 2020 - 2021

Analog Elektronik Laboratuvarı, Undergraduate, 2021 - 2022, 2020 - 2021

ANALOG DEVRE LABARATUVARI, Undergraduate, 2021 - 2022, 2020 - 2021

Elektrik Makinaları Lab., Undergraduate, 2022 - 2023

Uzmanlık Alan Dersi (Yabancı Uyruklu) I, Postgraduate, 2022 - 2023

Elektromagnetik Alan Teorisi, Undergraduate, 2021 - 2022, 2020 - 2021

Mikrodalga Tekniği İÖ, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Devre Analizi, Undergraduate, 2021 - 2022, 2020 - 2021

Uzmanlık Alan Dersi (Yabancı Uyruklu) II, Postgraduate, 2021 - 2022, 2020 - 2021

Elektrik Elektronik Seçmeli Tasarım II, Undergraduate, 2021 - 2022, 2020 - 2021

Danışmanlık, Postgraduate, 2022 - 2023

Elektromanyetikte Nümerik Metodlar: FDTD Metodu, Postgraduate, 2021 - 2022

Elektrik Makinaları Lab. İÖ, Undergraduate, 2022 - 2023

BİLİM EĞİTİM VE ETİK, Postgraduate, 2021 - 2022, 2018 - 2019

Elektromanyetik Dalga Teorisi, Undergraduate, 2022 - 2023, 2020 - 2021

Elektromanyetik Dalga Teorisi İÖ, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

Bitirme Projesi II, Undergraduate, 2021 - 2022, 2020 - 2021

Elektromanyetik Alan Teorisi, Undergraduate, 2021 - 2022, 2020 - 2021

Devre Analizi, Undergraduate, 2021 - 2022, 2020 - 2021

Mikrodalga tekniği, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

Uzmanlık Alan Dersi I, Postgraduate, 2021 - 2022, 2020 - 2021

BİLİM EĞİTİM VE ETİK, Doctorate, 2021 - 2022

Uzmanlık Alan Dersi (Yabancı Uyruklu) III, Postgraduate, 2021 - 2022

EE-210-50-50, Undergraduate, 2020 - 2021

Bitirme Projesi I, Undergraduate, 2021 - 2022, 2020 - 2021

Elektrik Elektronik Seçmeli Tasarım I, Undergraduate, 2021 - 2022, 2020 - 2021

Bitirme Projesi I, Undergraduate, 2021 - 2022, 2020 - 2021

BİLİM EĞİTİM VE ETİK-SU ÜRÜNLERİ, Postgraduate, 2021 - 2022

EM Dalga Teorisi, Undergraduate, 2021 - 2022, 2020 - 2021

Uzmanlık Alan Dersi IV, Postgraduate, 2021 - 2022, 2020 - 2021

Elektrik Elektronik Mühendisliği Seçmeli Tasarımı I, Undergraduate, 2021 - 2022, 2020 - 2021

## Advising Theses

- Öztürk G., Terahertz bölgesinde tek katmanlı, yüksek verimli ve geniş band polarizasyon dönüştürücü tasarımı, Postgraduate, F.KADİROĞLU(Student), 2024
- Öztürk G., Metamalzeme Temelli Ultra İnce Çok Bantlı Lineer ve Dairesel Polarizasyon Dönüştürücü, Postgraduate, F.ALAHMED(Student), 2022
- Öztürk G., Bianizotropik Metamalzemelerin Elektromanyetik Özelliklerinin TE<sub>3</sub>, TM<sub>3</sub> modu ile Eğik Açılı Durumda Gelen Dalga için Elde Edilmesi, Postgraduate, Ö.FARUK(Student), 2022
- Öztürk G., C,X,Ku ve K mikrodalga frekans bantlarında çalışan metamalzeme temelli polarizasyon dönüştürücü uygulamaları, Postgraduate, F.TUTAR(Student), 2021

## Jury Memberships

- Doctoral Examination, Doctoral Examination, Atatürk Üniversitesi, December, 2022
- Post Graduate, Post Graduate, Erzurum Teknik Üniversitesi, June, 2022
- Post Graduate, Post Graduate, Erzurum Teknik Üniversitesi, June, 2022
- Competition, Teknofest, Atatürk Üniversitesi, June, 2022
- Competition, Teknofest, Atatürk Üniversitesi, May, 2022
- Competence In Art Monitoring Committee Member, Competence In Art Monitoring Committee Member, Atatürk Üniversitesi, May, 2022
- Post Graduate, Post Graduate, Atatürk Üniversitesi, July, 2021
- Post Graduate, Post Graduate, Atatürk Üniversitesi, June, 2021
- Post Graduate, Post Graduate, Erzurum Teknik Üniversitesi, June, 2021
- PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, June, 2021
- Doctorate, Doctorate, Gaziantep Üniversitesi, June, 2020
- Post Graduate, Post Graduate, Atatürk Üniversitesi, March, 2020
- Post Graduate, Post Graduate, Atatürk Üniversitesi, June, 2019

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

- I. **Ultra-Thin Metasurface Polarization Converter with Linear and Circular Polarization Features for RCS Applications**  
Albasry F. A., Öztürk G., Hasar U. C., Çorapsız M. F.  
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, 2024 (SCI-Expanded)
- II. **Extraction Method for Unique Determination of Complex Permittivity From Graphical Analysis of Natural Frequencies**  
Hasar U. C., ÖZTÜRK G., Kaya Y., Alfaqawi M. S. S., Barroso J. J., ERTUĞRUL M., Ramahi O. M.  
IEEE Transactions on Antennas and Propagation, vol.71, no.9, pp.7690-7693, 2023 (SCI-Expanded)
- III. **Enhancing radar absorption performance of Sr-hexaferrite by hybridization with coiled carbon nanotubes via chemical vapour deposition method**  
Zulkimi M. M. M., Azis R. S., Ismail I., Mokhtar N., Ertugrul M., Hamidon M. N., Hasan I. H., YEŞİLBAĞ Y. Ö., TUZLUCA YEŞİLBAĞ F. N., ÖZTÜRK G., et al.  
Diamond and Related Materials, vol.137, 2023 (SCI-Expanded)
- IV. **An efficient cost effective wide-angle metasurface-based linear and circular polarization converter for X-, Ku- and K-band applications**  
ÖZTÜRK G., Hasar U. C., ERTUĞRUL M., Tutar F., ÇORAPSIZ M. F., Kurt M., Donmez K., Ismail I., Alfaqawi M. S.  
Optics and Laser Technology, vol.163, 2023 (SCI-Expanded)
- V. **Design and validation of IoT based smart classroom**  
YAĞANOĞLU M., BOZKURT F., GÜNAY F. B., KUL S., Şimşek E., ÖZTÜRK G., Karaman S.

MULTIMEDIA TOOLS AND APPLICATIONS, vol.83, no.22, pp.62019-62043, 2023 (SCI-Expanded)

- VI. **Temporal Reflection Response of Plane Waves Within an *N*-Layer Structure Involving Bianisotropy**  
Hasar U. C., ÖZTÜRK G., Kaya Y., Barroso J. J., Ertugrul M., Ramahi O. M., Alfaqawi M. S. S.  
IEEE Transactions on Antennas and Propagation, vol.71, no.7, pp.5946-5953, 2023 (SCI-Expanded)
- VII. **Close link between Fabry–Pérot resonance and natural-resonance frequencies**  
Cem Hasar U., ÖZTÜRK G., Kaya Y., José Barroso J., Ramahi O. M., Ertugul M.  
Waves in Random and Complex Media, 2023 (SCI-Expanded)
- VIII. **Broadband, Stable, and Non-Iterative Dielectric Constant Measurement of Low-Loss Dielectric Slabs Using a Frequency-Domain Free-Space Method**  
Hasar U. C., Kaya Y., ÖZTÜRK G., ERTUĞRUL M., Korasli C.  
IEEE Transactions on Antennas and Propagation, vol.70, no.12, pp.12435-12439, 2022 (SCI-Expanded)
- IX. **Feasible Extraction Method for Electromagnetic Properties of Multilayer Metamaterials with Short-Circuit Termination**  
Hasar U. C., ÖZTÜRK G., Kaya Y., Bute M., Karaaslan M., Barroso J. J., Ramahi O. M., ERTUĞRUL M.  
IEEE Transactions on Antennas and Propagation, vol.70, no.11, pp.10650-10659, 2022 (SCI-Expanded)
- X. **Ultra-thin reflective linear and circular polarization converter for Ku band applications**  
ÖZTÜRK G., ÇORAPSIZ M. F.  
Optics Communications, vol.516, 2022 (SCI-Expanded)
- XI. **Ultra-thin, wide-angle and bandwidth-enhanced linear and circular metasurface-based reflection-type polarization converter at X-band microwave frequency**  
ÖZTÜRK G.  
JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS, vol.36, no.10, pp.1423-1435, 2022 (SCI-Expanded)
- XII. **An effective metasurface-based linear and circular polarization converter for C- and X-band applications**  
Tutar F., Ozturk G.  
OPTICAL MATERIALS, vol.128, pp.1-9, 2022 (SCI-Expanded)
- XIII. **Sign-ambiguity-free retrieval of electromagnetic properties of bianisotropic metamaterials**  
Cem Hasar U., ÖZTÜRK G., Ertugul M.  
WAVES IN RANDOM AND COMPLEX MEDIA, vol.32, no.3, pp.1307-1321, 2022 (SCI-Expanded)
- XIV. **Effect of Mn and Zn doping on natural resonance frequency of strontium U-type hexaferrite and its performance as electromagnetic wave absorbers**  
Ismail I., Muhammad Zulkimi M. M., Azis R. S., Mustaffa M. S., Hamidon M. N., ERTUĞRUL M., YEŞİLBAĞ Y. Ö., Tuzluca F. N., Hasan I. h., ÖZTÜRK G., et al.  
JOURNAL OF ALLOYS AND COMPOUNDS, vol.898, 2022 (SCI-Expanded)
- XV. **Calibration-Free Time-Domain Free-Space Permittivity Extraction Technique**  
Hasar U. C., ÖZTÜRK G., Kaya Y., ERTUĞRUL M.  
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, vol.70, no.2, pp.1565-1568, 2022 (SCI-Expanded)
- XVI. **Simple and Accurate Electromagnetic Characterization of Omega-Class Bianisotropic Metamaterials Using the State Transition Matrix Method**  
Hasar U. C., ÖZTÜRK G., Kaya Y., Barroso J. J., ERTUĞRUL M.  
IEEE Transactions on Antennas and Propagation, vol.69, pp.7064-7067, 2021 (SCI-Expanded)
- XVII. **Electromagnetic characterization of strong-coupled Omega-type bianisotropic metamaterials using the state transition matrix method**  
HASAR U. C., ÖZTÜRK G., Ertugul M., Barroso J. J., Ramahi O. M.  
WAVES IN RANDOM AND COMPLEX MEDIA, 2021 (SCI-Expanded)
- XVIII. **New formalism for characterization of simple non-reciprocal networks free from singularity-point problem**  
Hasar U. C., Kaya Y., ÖZTÜRK G., Ozturk H., Izginli M., ERTUĞRUL M.  
Measurement: Journal of the International Measurement Confederation, vol.177, 2021 (SCI-Expanded)
- XIX. **Natural Mode Series Expansion of Transient Transmission Field Through an N-Layer Structure**

- Hasar U. C., ÖZTÜRK G., ERTUĞRUL M.  
IEEE Transactions on Antennas and Propagation, vol.69, pp.3436-3442, 2021 (SCI-Expanded)
- XX. **Graphical Method for Examining Complex Natural Frequencies of Dispersive Materials**  
Hasar U. C., ÖZTÜRK G., Barroso J. J., Gurbuz T. U., Kaya Y., ERTUĞRUL M.  
IEEE Microwave and Wireless Components Letters, vol.31, pp.421-424, 2021 (SCI-Expanded)
- XXI. **Effect of sample deformation in longitudinal axis on material parameter extraction by waveguides**  
Hasar U. C., Kaya Y., ÖZTÜRK G., ERTUĞRUL M.  
Measurement: Journal of the International Measurement Confederation, vol.176, 2021 (SCI-Expanded)
- XXII. **Determination of Constitutive Parameters of Strong-Coupled Bianisotropic Metamaterials Using Oblique Incidence Scattering Parameters**  
ÖZTÜRK G., Hasar U. C., Bute M., ERTUĞRUL M.  
IEEE Transactions on Antennas and Propagation, vol.69, no.2, pp.918-927, 2021 (SCI-Expanded)
- XXIII. **Analysis of Solution Pattern of Natural Frequencies by a Graphical Method**  
Hasar U. C., ÖZTÜRK G., Bute M., ERTUĞRUL M., Barroso J. J.  
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, vol.69, no.2, pp.1209-1212, 2021 (SCI-Expanded)
- XXIV. **Propagation constant measurements of reflection-asymmetric and nonreciprocal microwave networks from S-parameters without using a reflective standard**  
Hasar U. C., Kaya Y., ÖZTÜRK G., ERTUĞRUL M.  
Measurement: Journal of the International Measurement Confederation, vol.165, 2020 (SCI-Expanded)
- XXV. **Method for Electromagnetic Property Extraction of Sublayers in Metal-Backed Inhomogeneous Metamaterials**  
Hasar U. C., Öztürk G., Bute M., Ertuğrul M.  
IEEE ACCESS, vol.8, pp.151705-151718, 2020 (SCI-Expanded)
- XXVI. **Determination of Effective Constitutive Parameters of Inhomogeneous Metamaterials With Bianisotropy**  
HASAR U. C., BULDU G., KAYA Y., ÖZTÜRK G.  
IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES, vol.66, no.8, pp.3734-3744, 2018 (SCI-Expanded)
- XXVII. **Note: Parameter extraction of samples without the direct application of the passivity principle from reference-plane-invariant measurements**  
Hasar U. C., ÖZTÜRK G.  
REVIEW OF SCIENTIFIC INSTRUMENTS, vol.89, no.7, 2018 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Synthesis of Fe<sub>3</sub>O<sub>4</sub>@SiO<sub>2</sub>-Ag Magnetic Composite Supported by Silver Nanoparticles with Excellent Photocatalytic Activity and Recyclability**  
Tekin T., Birhan D., Kızıldaş H., Öztürk G., Öznülür Özer T., Oğuz E.  
Brilliant Engineering, vol.5, 2024 (Peer-Reviewed Journal)
- II. **Air Based Flexible Ultra-Thin Transparent ITO Based Broadband and Polarization Insensitivity Metamaterial Absorber**  
ÖZTÜRK G., TUTAR F., ERTUĞRUL M., KOÇKESER A., ÖZTÜRK Y.  
Balkan Journal of Electrical and Computer Engineering, vol.10, no.4, pp.363-369, 2022 (Peer-Reviewed Journal)
- III. **Ku Band Uygulamalar İçin Geniş Açılı, Basit Dizayn Hibrit Metayüzey Polarizasyon Dönüştürücü**  
ÖZTÜRK G., TUTAR F., BULUT M.  
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.12, no.2, pp.680-691, 2022 (Peer-Reviewed Journal)
- IV. **Metasurface Based Reflection Type Linear Polarization Conversion for X Band Applications**  
ÖZTÜRK G.  
Avrupa Bilim ve Teknoloji Dergisi, vol.34, pp.773-777, 2022 (Peer-Reviewed Journal)
- V. **Triple Band Wide Angle Polarization Insensitive Metamaterial Absorber**

ÖZTÜRK G.

Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.14, no.2, pp.789-801, 2021 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Metamalzemelerde Emici Uygulamaları**  
KURT M., ÖZTÜRK G.  
in: Elektrik Elektronik Mühendisliğinde Güncel Araştırmalar Ve Uygulamalar, , Editor, bidge yayınları, pp.138-160, 2024
- II. **METAMALZEMELER VE GÜNCEL UYGULAMA ALANLARI**  
ÖZTÜRK G.  
in: ELEKTRİK ELEKTRONİK MÜHENDİSLİĞİNDE GÜNCEL YAKLAŞIMLAR, GÖKHAN ÖZTÜRK LATİF AKÇAY, Editor, PLATANUS YAYIMCILIK, pp.61-78, 2023
- III. **Elektrik ve Metal İşlerinde İSG**  
DUMAN Ç., ÖZTÜRK G., ÇORAPSIZ M. F.  
in: Elektrik ve Metal İşlerinde İSG, ÇORAPSIZ Muhammed Fatih, Editor, Atatürk Üniversitesi Açık Öğretim Fakültesi, Erzurum, pp.1-186, 2020
- IV. **Elektrik Enerjisinin Tehlikeleri ve Riskleri**  
ÖZTÜRK G.  
in: Elektrik ve Metal İşlerinde İSG, Çorapsız, M.F., Editor, Atatürk Üniversitesi Açık Öğretim Fakültesi, Erzurum, pp.1-3, 2019
- V. **Elektrik İç Tesislerinde Güvenlik ve Patlayıcı Ortamlar**  
ÖZTÜRK G.  
in: Elektrik ve Metal İşlerinde İSG, Çorapsız, F., Editor, Atatürk Üniversitesi Açık Öğretim Fakültesi, Erzurum, pp.1-2, 2019

## Refereed Congress / Symposium Publications in Proceedings

- I. **Circular Ring Resonator Based Metamaterial Absorber for Defense Industry Application Areas**  
KURT M., ÖZTÜRK G.  
5th International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 25 - 27 September 2024, pp.393-402
- II. **5th International Conference on Advanced Engineering Technologies**  
TUTAR F., ÖZTÜRK G.  
5th International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 25 - 27 September 2024, pp.708-711
- III. **Metasurface Based Filter for X-Band Applications**  
BULUT M., ÖZTÜRK G.  
5th International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 25 - 27 September 2024, pp.931-937
- IV. **VO2 Based Adaptive Wideband THz Metamaterial Absorber**  
KURT M., ÖZTÜRK G.  
International Conference on Engineering, Natural Sciences, and Technological Developments (ICENSTED 2024), Balıkesir, Turkey, 19 - 21 July 2024, pp.1149-1156
- V. **A THz Metamaterial Based Linear and Circular Polarization Converter**  
KADİROĞLU F., ÖZTÜRK G.  
TELECOMMUNICATIONS, INFORMATICS, ENERGY AND MANAGEMENT" – TIEM 2023, Balıkesir, Turkey, 01 December 2023
- VI. **A RCS Reduction Method Using the Air-Based Anisotropic Metasurface Polarization Converter**

TUTAR F., ÖZTÜRK G., TOKYÜREK R.

TELECOMMUNICATIONS, INFORMATICS, ENERGY AND MANAGEMENT” – TIEM 2023, Balıkesir, Turkey, 01 December 2023

- VII. **A Novel Metasurface Multifunctional Polarization Converter in X- and Ku-Bands for Radar Cross Section Reduction Application**  
Tutar F., Kurt M., ÖZTÜRK G.  
10th International Conference on Recent Advances in Air and Space Technologies, RAST 2023, İstanbul, Turkey, 7 - 09 June 2023
- VIII. **Metasurface Linear Polarization Converter for Microwave C Band Applications**  
Öztürk G.  
4th International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 28 - 30 September 2022, pp.865-868
- IX. **Metamaterial Based Microwave Absorber**  
Albasry F. A., Öztürk G.  
4th International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 28 - 30 September 2022, no.34, pp.964
- X. **Metasurface-Based Reflective Type V- and W- Band Polarization Converter for Various Microwave Applications**  
Tutar F., Kurt M., Ozturk G.  
IEEE 2022 Global Energy Conference (GEC), Batman, Turkey, 26 - 29 October 2022, pp.71-74
- XI. **Metasurface Reflective-Mode Linear and Circular Polarization Converter for C, X and Ku Microwave Applications**  
Tutar F., Öztürk G., Hulagu B.  
2022 30th Signal Processing and Communications Applications Conference (SIU), Karabük, Turkey, 15 - 18 May 2022, pp.1-4
- XII. **Metasurface Based Reflection Type Linear Polarization Conversion for X Band Applications**  
ÖZTÜRK G.  
2nd International Conference on Applied Engineering and Natural Sciences, Konya, Turkey, 10 - 13 March 2022, pp.553
- XIII. **METASURFACE MICROWAVE POLARIZATION CONVERTER FOR S BAND APPLICATIONS**  
Öztürk G.  
4. INTERNATIONAL SCIENCES AND INNOVATION CONGRESS, Ankara, Turkey, 19 - 20 February 2022, pp.166-171
- XIV. **Eğricik Dönüşümü Kullanarak El Yazısı İmza İmgelerinin Erişiminde Mesafe Yöntemlerinin Analizi**  
Engin M. A., Aras S., Öztürk G.  
4rd International Conference on Data Science and Applications (ICONDATA21), İstanbul, Turkey, 4 - 06 June 2021, pp.638-643
- XV. **An Ultrathin Transparent Metamaterial Absorber Using an ITO Resistive-film**  
ÖZTÜRK G., KAYA Y., HASAR U. C., ERTUĞRUL M., ENGİN M. A.  
2nd International Symposium on Applied Sciences and Engineering (ISASE2021), Erzurum, Turkey, 07 April 2021
- XVI. **Optik Olarak Transparan C, X ve Ku Bandında Çalışan İnce Film Bazlı Metamalzeme Emici**  
Öztürk G.  
2 nd International Conference on Access to Recent Advances in Engineering and Digitalization, Kayseri, Turkey, 10 March - 12 April 2021, pp.155
- XVII. **KU VE K BAND MİKRODALGA UYGULAMALARI İÇİN ULTRA İNCE ULTRA GENİŞ BANT METAMALZEME EMİCİ**  
BULUT M., ÖZTÜRK G., ERTUĞRUL M., TUTAR F.  
Cumhuriyet 4. Uluslararası Uygulamalı Bilimler Kongresi, Afyonkarahisar, Turkey, 22 - 24 January 2021, pp.1-9
- XVIII. **BASİT TASARIM GENİŞ AÇI C ŞEKLİLLİ C BANT METALAMZEME EMİCİ**  
ÖZTÜRK G.  
Cumhuriyet 4. Uluslararası Uygulamalı Bilimler Kongresi, Afyonkarahisar, Turkey, 22 - 24 January 2021, pp.11-18
- XIX. **ULTRATHIN ULTRAWIDE BAND METAMATERIAL ABSORBER FOR KA AND KU BAND K BAND**



## MICROWAVE APPLICATIONS

Bulut M., Öztürk G., Ertuğrul M., Tutar F.

Cumhuriyet 4. Uluslararası Uygulamalı Bilimler Kongresi, Afyonkarahisar, Turkey, 22 - 25 January 2021, pp.1-9

### XX. SIMPLE DESIGN WIDE ANGLE C SHAPED METAMATERIAL ABSORBER IN C BAND

Öztürk G.

Cumhuriyet 4. Uluslararası Uygulamalı Bilimler Kongresi, Afyonkarahisar, Turkey, 22 - 25 January 2021, pp.10-18

### XXI. Determination of Negative ConstitutiveParameters Based on a Square Split Ring Resonator Left Handed Metamaterial Using Waveguide

KAYA Y., ÖZTÜRK G., HASAR U. C., ERTUĞRUL M.

ISASE2018, 26 - 28 November 2018

### XXII. Metamaterials and Usage Areas

ÖZTÜRK G., KAYA Y., HASAR U. C., ERTUĞRUL M.

2nd International Conference on Advanced Engineering Technologies (ICADET2017), Bayburt, Turkey, 21 - 23

September 2017, vol.1, pp.1354

### XXIII. Application Areas of CST in Microwave Engineering

KAYA Y., ÖZTÜRK G., hasar u. c., ERTUĞRUL M.

2nd International Conference on Advanced Engineering Technologies (ICADET2017), Bayburt, Turkey, 21 - 23

September 2017, pp.1353

## Supported Projects

ÖZTÜRK G., ALAHMED ALBASRY F., Project Supported by Higher Education Institutions, Geniş Bant Yüksek Kazanç Radar Kesit Alanı Azaltılmış 5G Mikroserit Anten, 2024 - Continues

ÖZTÜRK G., BULUT M., Project Supported by Higher Education Institutions, Mikrodalga X ve Ku Uygulamaları için Metayüzey Ucuz Elde Edilebilir Bant Geçiren Filtre, 2024 - Continues

ÖZTÜRK G., TUTAR F., Project Supported by Higher Education Institutions, Yeni bir Polarizasyon Dönüştürücü ile Radar Kesit Alanı Azaltılması Uygulaması, 2024 - Continues

ÖZTÜRK G., KURT M., Project Supported by Higher Education Institutions, Mikrodalga Uygulamaları İçin Yüksek verimlilikli Oldukça İnce Geniş Açılı S C X ve Ku Bandlarında Çalışan Simetrik Rezonatör Yapıya Sahip Çok Bantlı Metamalzeme Emici, 2024 - Continues

ÖZTÜRK G., BOZ M., Project Supported by Higher Education Institutions, Optik Olarak Transparan Malzemeler Kullanarak Metamalzeme Temelli Mikrodalga Polarizasyon Dönüştürücü Tasarımı, 2022 - Continues

GEYİKOĞLU M. D., ÖZTÜRK G., ABBASIAN K., KOÇ POLAT H., HASAR U. C., ERTUĞRUL M., ÇAVUŞOĞLU B., Project Supported by Higher Education Institutions, Kanseri Tedavisi İçin Terahertz Dalga Ablasyon TWA Sistemi, 2023 - 2024

ORAL E. A., ÖZTÜRK G., Project Supported by Higher Education Institutions, Radar kesiti azaltma için yeni bir ultra geniş bantlı hibrit mikrodalga soğurucu-2, 2023 - 2024

ÇAVUŞOĞLU B., EFEĞLU H., ORAL E. A., ÖZTÜRK G., Project Supported by Higher Education Institutions, ElektrikElektronik Mühendisliği Bakım Onarım Projesi, 2023 - 2024

ÖZTÜRK G., CENGİZ M. M., Project Supported by Higher Education Institutions, Manej Alanı ve Atçılık Koordinatörlüğü Altyapı Projesi, 2022 - 2024

Yıldız A., Öztürk G., Şahiner K., TUBITAK Project, Ayrıştırma yapabilen dört hazneli çöp toplama robotu, 2022 - 2023  
Ertuğrul M., Geyikoğlu M. D., Öztürk G., Çavuşoğlu B., Hasar U. C., Parlak E., Koç Polat H., TÜBİTAK International Bilateral Joint Cooperation Program Project, Terahertz Dalga Ablasyon (Twa) Sistemi: İn Vivo Kanseri ve Tümör Tedavisi İçin Fizibilite Değerlendirmesi ve Tasarımı, 2021 - 2023

ORAL E. A., HAMİDON M. N., HASAR U. C., İSMAIL I., ÖZMEN A., ÖZTÜRK G., TUZLUCA YEŞİLBAĞ F. N., YEŞİLBAĞ Y. Ö., ERTUĞRUL M., Project Supported by Higher Education Institutions, Radar kesiti azaltma için yeni bir ultra geniş bantlı hibrit mikrodalga soğurucu, 2020 - 2023

TEKİN T., ÖZNLÜER ÖZER T., OĞUZ E., ÖZTÜRK G., KIZILTAŞ H., Project Supported by Higher Education Institutions, 3D Grafen Aerojel Destekli Fe<sub>3</sub>O<sub>4</sub>/SiO<sub>2</sub>/TiO<sub>2</sub>, Fe<sub>3</sub>O<sub>4</sub>/SiO<sub>2</sub>/ZnO, Fe<sub>3</sub>O<sub>4</sub>/SiO<sub>2</sub>/Ag, Fe<sub>3</sub>O<sub>4</sub>/SiO<sub>2</sub>/TiO<sub>2</sub>/Ag, Fe<sub>3</sub>O<sub>4</sub>/SiO<sub>2</sub>/ZnO/Ag CoreShell Yapılı Nanokompozit Fotoelektrotların (Fotokatalizörler) Sentezlenmesi



Elektrofotokatalitik ve Biyomedikal Aktivitelerinin İncelenmesi, 2019 - 2022

Ertuğrul M., Hasar U. C., Tuzluca Yeşilbağ F. N., Yeşilbağ Y. Ö., Öztürk G., Geyikoğlu M. D., TUBITAK Project, Fabrication and Analysis of a New Ultra-Broadband Hybrid Microwave Absorber for Radar Cross-Section Reduction, 2019 - 2022

Orhan F., Öztürk G., Project Supported by Higher Education Institutions, ATATÜRK ÜNİVERSİTESİ MANEJ ALANI VE ATÇILIK KOORDİNATÖRLÜĞÜ BİRİMİNİ TANIYALIM, 2021 - 2021

ÇORAPSIZ M. F., EKER M., YILDIZ S., YILMAZ M., ÖZTÜRK G., ÖZÇELEBİ F., KAYA E., TOZOĞLU A., Project Supported by Higher Education Institutions, Model Uydu Sistemlerinde Görüntü İşleme Teknikleri Kullanarak Yer İstasyonuna Veri Transferi, 2021 - 2021

ÇORAPSIZ M. F., ÖZTÜRK G., TURAN K., YILMAZ M., BAYKARA M., TEMÜR O., SAATCI E., YAYLACI M., Project Supported by Higher Education Institutions, Otonom Uçuş Destekli Sabit Kanat İnsansız Hava Aracı ile Yük Taşıma, 2021 - 2021

YAĞANOĞLU M., KARAMAN S., BOZKURT F., KUL S., GÜNAY F. B., ÖZTÜRK G., ŞİMŞEK E., Project Supported by Higher Education Institutions, Yeni Nesil Derslik-Dijital Dönüşüm Kapsamında Nesnelerin İnterneti Projesi, 2020 - 2021

ÖZTÜRK G., AÇIKSÖZ A. K., ÇAVUŞOĞLU M. C., YAŞA O., BAŞALMAZ H., Project Supported by Higher Education Institutions, Yapay Zeka ile Trafik Işıklarında Bekleme Sürelerini Azaltma, 2019 - 2020

## Patent

Ertuğrul M., Yeşilbağ Y. Ö., Öztürk G., Tuzluca Yeşilbağ F. N., Hasar U. C., Özmen A., RADAR GÖRÜNMEZLİĞİ SAĞLAMAK ÜZERE GELİŞTİRİLEN HİBRİT BİR SOĞURUCU, Patent, CHAPTER H Electricity, The Invention Recourse Number: 2020/21638 , Standard Registration, 2020

## Scientific Refereeing

The International Journal of Materials and Engineering Technology, Other Indexed Journal, December 2021

The International Journal of Materials and Engineering Technology, Other Indexed Journal, December 2021

## Metrics

Publication: 60

Citation (WoS): 171

Citation (Scopus): 208

H-Index (WoS): 9

H-Index (Scopus): 9

## Congress and Symposium Activities

4rd International Conference on Data Science and Applications (ICONDATA21), Attendee, İstanbul, Turkey, 2021

2nd International Symposium on Applied Sciences and Engineering (ISASE2021), , Working Group, Erzurum, Turkey, 2021

2 nd International Conference on Access to Recent Advances in Engineering and Digitalization, Attendee, Kayseri, Turkey, 2021

Cumhuriyet 4. Uluslararası Uygulamalı Bilimler Kongresi, Afyonkarahisar,, Attendee, Afyonkarahisar, Turkey, 2021

## Non Academic Experience

ASM Telekomünikasyon

Gökhan ÖZTÜRK (Tüzel Kişi)