

Lect. PhD Bora Döken

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Istanbul Technical University, Biliřim Enstitüsü, Uydu Haberleşmesi Ve Uzaktan Algılama (Dr), Turkey 2011 - 2017

Postgraduate, Istanbul Technical University, Biliřim Enstitüsü, Uydu Haberleşmesi Ve Uzaktan Algılama (YI) (Tezli), Turkey 2008 - 2010

Foreign Languages

English

Dissertations

Doctorate, Amaca uygun olarak yansıma ve iletim karakteristikleri değıştirilebilen yapısal yüzey malzemesi tasarımı, İstanbul Teknik Üniversitesi, Biliřim Enstitüsü, Uydu Haberleşmesi Ve Uzaktan Algılama/ İletişim Sistemleri Anabilim Dalı, 2017

Postgraduate, Geniş bantlı kablosuz iletişime uygun yapısal yüzey malzemesi tasarımı, İstanbul Teknik Üniversitesi, Biliřim Enstitüsü, Uydu Haberleşmesi Ve Uzaktan Algılama (YI) (Tezli), 2010

Research Areas

Electrical and Electronics Engineering, Electromagnetic, Electromagnetic Environment and Interaction, Electromagnetic Waves, Antennas and Propagation, Engineering and Technology

Academic Titles / Tasks

Lecturer PhD, Istanbul Technical University, Elektrik-Elektronik, Elektronik Ve Haberleşme Mühendisliği, 2007 - Continues

Courses

Elektronİge Giriş Lab., Undergraduate, 2016 - 2017

Mühendislik Etiğİ, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015

Introduction to Electronics, Undergraduate, 2016 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Dual-band Frequency Surface Design by Implementing a Simple Design Technique**
Döken B., Kartal M.
IETE JOURNAL OF RESEARCH, 2019 (SCI-Expanded)
- II. **Triple-Band Frequency Selective Surface Design Effective Over Oblique Incidence Angles for GSM System**
Golezani J. J., Kartal M., Döken B., Paker S.
IETE JOURNAL OF RESEARCH, 2019 (SCI-Expanded)
- III. **An Active Frequency Selective Surface Design Having Four Different Switchable Frequency Characteristics**
Döken B., Kartal M.
RADIOENGINEERING, vol.28, pp.114-120, 2019 (SCI-Expanded)
- IV. **Dual Layer Convuluted Frequency Selective Surface Design in the 2.4 GHz and 5.8 GHz ISM Bands**
Döken B., Kartal M.
APPLIED COMPUTATIONAL ELECTROMAGNETICS SOCIETY JOURNAL, vol.33, no.4, pp.413-418, 2018 (SCI-Expanded)
- V. **A Triple Band Frequency Selective Surface Design for GSM Systems by Utilizing a Novel Synthetic Resonator**
Kartal M., GOLEZANI J. J., Döken B.
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, vol.65, no.5, pp.2724-2727, 2017 (SCI-Expanded)
- VI. **Easily Optimizable Dual-Band Frequency-Selective Surface Design**
Döken B., Kartal M.
IEEE ANTENNAS AND WIRELESS PROPAGATION LETTERS, vol.16, pp.2979-2982, 2017 (SCI-Expanded)
- VII. **A new frequency selective absorber surface at the unlicensed 2.4-GHz ISM band**
Kartal M., DÖKEN B.
MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, vol.58, no.10, pp.2351-2358, 2016 (SCI-Expanded)
- VIII. **Triple band frequency selective surface design for global system for mobile communication systems**
Döken B., Kartal M.
IET MICROWAVES ANTENNAS & PROPAGATION, vol.10, no.11, pp.1154-1158, 2016 (SCI-Expanded)
- IX. **A NEW NARROW BAND FREQUENCY SELECTIVE SURFACE GEOMETRY DESIGN AT THE UNLICENSED 2.4-GHz ISM BAND**
Kartal M., PINAR S., DÖKEN B., GUNGOR İ.
MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, vol.55, no.12, pp.2986-2990, 2013 (SCI-Expanded)

Articles Published in Other Journals

- I. **An Easily Optimizable Frequency Selective Absorber Design for X-Band**
DÖKEN B.
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.22, no.1, 2022 (Peer-Reviewed Journal)
- II. **Dual-band Frequency Selective Surface Design for GSM Shielding Applications**
DÖKEN B., KOÇ İ. G., Koç A. B., Altan M.
Havacılık ve Uzak Teknolojileri Dergisi, vol.14, pp.1-7, 2021 (Peer-Reviewed Journal)
- III. **Tunable Frequency Surface Design Between 2.43GHz and 6GHz**
DÖKEN B., KARTAL M.

Electrical and Electronics Engineering: An International Journal, vol.6, pp.1-8, 2017 (Peer-Reviewed Journal)

IV. A New Hybrid Frequency Selective Surface Design in the 2 4GHz and 5 8GHz ISM Bands

DÖKEN B., KARTAL M.

Applied Mechanics and Materials, vol.850, pp.9-15, 2016 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. A Simple Frequency Selective Absorber Surface Design

Döken B., Kartal M., Balta S.

9th International Conference on Recent Advances in Space Technologies (RAST), İstanbul, Turkey, 11 - 14 June 2019, pp.79-82

II. Switchable Frequency Selective Surface Design for 2.45GHz ISM Band

Döken B., Kartal M.

8th International Conference on Recent Advances in Space Technologies (RAST), İstanbul, Turkey, 19 - 22 June 2017, pp.473-476

III. Bandwidth Improvement in Microstrip Patch Antenna

KESKİN U., Döken B., Kartal M.

8th International Conference on Recent Advances in Space Technologies (RAST), İstanbul, Turkey, 19 - 22 June 2017, pp.215-219

IV. A New Frequency Selective Surface Geometry Design at the Unlicensed 2 4GHz and 5 8GHz ISM Bands

KARTAL M., Döken B.

Progress In Electromagnetics Research Symposium (PIERS2015), 6 - 09 July 2015

V. Frequency Selective Absorber Surface at the 2 4 GHz Unlicensed ISM Band

KARTAL M., DÖKEN B.

PIERS 2012, Moscow, Russia, 19 - 23 August 2012

VI. Design For The Structural Surface Material Enabling Shielding For Interference Mitigation Within The Buildings In The Unlicensed 2 4GHz ISM Band

KARTAL M., GÜNGÖR İ., DÖKEN B.

URSI 2011, İstanbul, Turkey, 13 - 20 August 2011

VII. A new reflector antenna design providing two different patterns

Kartal M., Güngör İ., Döken B.

2011 30th URSI General Assembly and Scientific Symposium, URSIGASS 2011, İstanbul, Turkey, 13 - 20 August 2011

VIII. A new equivalent circuit based fss design method by using genetic algorithm

Döken B., Kartal M.

2nd International Conference on Engineering Optimization, Lizbon, Portugal, 6 - 10 September 2010, pp.1-4

Metrics

Publication: 27

Citation (WoS): 98

Citation (Scopus): 148

H-Index (WoS): 5

H-Index (Scopus): 6

Non Academic Experience

Guna Danışmanlık Teknik Hizmetler

Kök Teknik Hizmetler
Ağaçkakan Basım Yayın A.Ş.
Entes A.Ş.