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Kişisel Bilgiler

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Uluslararası Araştırmacı ID'leri

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Publons / Web Of Science ResearcherID: AID-5251-2022

ScopusID: 56779813500

Yoksis Araştırmacı ID: 197035

Eğitim Bilgileri

Doktora, Gazi Üniversitesi, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Dr), Türkiye 2016 - 2020

Yüksek Lisans, Gazi Üniversitesi, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Yl) (Tezli), Türkiye 2014 - 2015

Lisans, Erciyes Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Türkiye 2006 - 2011

Yaptığı Tezler

Yüksek Lisans, Gradyan uyarlamalı görüntü filtresi tasarımı, Gazi Üniversitesi, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Yl) (Tezli), 2015

Araştırma Alanları

Elektromanyetik, Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Araştırma Görevlisi Dr., Gazi Üniversitesi, Teknoloji Fakültesi, Elektrik - Elektronik Mühendisliği, 2013 - Devam Ediyor

Verdiği Dersler

ANTENLER VE YAYILMA, Lisans, 2021 - 2022

Mühendislik Tasarımı, Lisans, 2021 - 2022

Mezuniyet Projesi, Lisans, 2022 - 2023

Elektromanyetik Alan Teorisi, Lisans, 2022 - 2023

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **A novel circular fractal ring UWB monopole antenna with dual band-notched characteristics**
ÇELİK K.
ETRI Journal, cilt.46, sa.2, ss.218-226, 2024 (SCI-Expanded)
- II. **Design and implementation of a bioinspired leaf shaped hybrid rectenna as a green energy manufacturing concept**
Çelik K., Kurt E.
Turkish Journal of Electrical Engineering and Computer Sciences, cilt.30, sa.5, ss.1995-2012, 2022 (SCI-Expanded)
- III. **Design and implementation of a dual band bioinspired leaf rectenna for RF energy harvesting applications**
ÇELİK K., KURT E.
INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING, cilt.31, sa.11, 2021 (SCI-Expanded)
- IV. **Optimization of a 3-kW axial flux permanent magnet generator with variable air gap**
KURT E., GÖR H., ÇELİK K.
INTERNATIONAL TRANSACTIONS ON ELECTRICAL ENERGY SYSTEMS, cilt.31, sa.11, 2021 (SCI-Expanded)
- V. **A new algorithm for the colored image encryption via the modified Chua's circuit**
Arpaci B., KURT E., ÇELİK K.
ENGINEERING SCIENCE AND TECHNOLOGY-AN INTERNATIONAL JOURNAL-JESTECH, cilt.23, sa.3, ss.595-604, 2020 (SCI-Expanded)
- VI. **Colored Image Encryption and Decryption with a New Algorithm and a Hyperchaotic Electrical Circuit**
Arpaci B., Kurt E., Çelik K., Ciylan B.
JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY, cilt.15, sa.3, ss.1413-1429, 2020 (SCI-Expanded)
- VII. **A novel meander line integrated E-shaped rectenna for energy harvesting applications**
ÇELİK K., KURT E.
INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING, cilt.29, sa.1, 2019 (SCI-Expanded)
- VIII. **Experimental and Theoretical Explorations on the Buckling Piezoelectric Layer Under Magnetic Excitation**
ÇELİK K., KURT E., UZUN Y.
JOURNAL OF ELECTRONIC MATERIALS, cilt.46, sa.7, ss.4003-4016, 2017 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Forecasting of monthly electricity generation from the conventional and renewable resources following the corona virus pandemic in Turkey**
Kurt E., Kasap R., Çelik K.
Journal of Energy Systems, cilt.6, sa.3, ss.420-435, 2022 (Scopus)
- II. **Design and Analysis of Novel Ring UWB Antenna**
Çelik K.
Gazi Üniversitesi Fen Bilimleri Dergisi Part C: Tasarım ve Teknoloji, cilt.10, sa.2, ss.339-347, 2022 (Hakemli Dergi)

Kitap & Kitap Bölümleri

- I. **Design and Simulation of the Miniaturized Dual-Band Monopole Antenna for RFID Applications**
Çelik K.
4th International Conference on Artificial Intelligence and Applied Mathematics in Engineering, D. Jude Hemanth, Tuncay Yigit, Utku Kose, Ugur Guvenc, Editör, Springer, London/Berlin, Mingachevir, ss.176-185, 2023

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Two-Element MIMO Antenna for UWB Wireless Communications**
KURT E., ÇELİK K., Kaynar E. K.
11. EUROPEAN CONFERENCE ON RENEWABLE ENERGY SYSTEMS Riga/Latvia 18-20 May 2023, Riga, Letonya, 18 Mayıs 2023
- II. **Modeling and Simulation of a Hybrid Electromagnetic Accelerator**
KURT E., ÇELİK K., Teksar A. Y., Görmüş H., Özdemir E.
Interdisciplinary Conference on Mechanics, Computers and Electrics - ICMECE, Barselona, İspanya, 06 Ekim 2022
- III. **Design and Analyses of the Novel Circular Fractal UWB Antenna**
Çelik K., Ak H. H., Kurt E.
10. EUROPEAN CONFERENCE ON RENEWABLE ENERGY SYSTEMS , İstanbul, Türkiye, 7 - 09 Mayıs 2022, ss.1-4
- IV. **Design and Simulation of V-Shaped Microstrip Patch Antenna for 2.4 GHz Internet of Things Applications**
ÇELİK K., KURT E.
Interdisciplinary Conference on Mechanics, Computers and Electrics, Türkiye, 27 Kasım 2021
- V. **Design and Implementation of a 2.4 GHz Yagi-Uda Antenna and Dependence of the Antenna Parameters to the Structural Parameters**
Cinay A., KURT E., Celik K.
3rd International Conference on Electrical, Communication and Computer Engineering, ICECCE 2021, Kuala-Lumpur, Malezya, 12 - 13 Haziran 2021
- VI. **Comparison of the Efficiency Values of the Rectifiers Used in the RF Energy Harvesting Systems**
Çelik K., Kurt E.
9. EUROPEAN CONFERENCE ON RENEWABLE ENERGY SYSTEMS, İstanbul, Türkiye, 21 - 23 Nisan 2021, ss.701-705
- VII. **A CLASSIFICATION TOOL FOR THE MOTION OF A PIEZOELECTRIC ENERGY HARVESTER VIA NEURAL NETWORK**
KURT E., TEKEREK M., ÇELİK K., gök m.
8. European Conference on Renewable Energy Systems, İstanbul, Türkiye, 24 - 25 Ağustos 2020
- VIII. **COMPARISON OF TWO MULTICONE ANTENNAS FOR RADIOFREQUENCY ENERGY HARVESTING**
tariq M. h., KURT E., ÇELİK K.
2nd International Turkish World Engineering and Science Congress, Türkiye, 7 - 10 Kasım 2019
- IX. **Comparison of two multicone antennas for radio frequency energy harvesting**
tariq H. M., KURT E., ÇELİK K.
2. International Turkish World Engineering and Science Congress, Antalya, Türkiye, 7 - 10 Kasım 2019
- X. **A Novel Wideband Circular Fractal Antenna for Energy Harvesting Applications**
ÇELİK K., KURT E.
International Symposium ISAECT 2019, Roma, İtalya, 27 - 29 Kasım 2019
- XI. **Electromagnetic analysis of an axial flux permanent magnet generator**
KURT E., GÖR H., ÇELİK K.
5th International Conference on Power Generation Systems and Renewable Energy Technologies, PGSRET, İstanbul, Türkiye, 26 - 27 Ağustos 2019
- XII. **A Novel Super Wideband Circular Fractal Antenna For Energy Harvesting Applications**
ÇELİK K., KURT E.
International Symposium on Advanced Electrical and Communication Technologies (ISAECT), Rome, İtalya, 27 - 29 Kasım 2019
- XIII. **A new algorithm for the coloured image encryption via the modified Chua'xxs circuit**
arpacı b., KURT E., ÇELİK K.
International Conference on Cyber Security and Computer Science, 18 - 20 Ekim 2018
- XIV. **Electromagnetic Design of a New 3.5 kW Axial Flux Permanent Magnet Generator**

KURT E., GÖR H., ÇELİK K., ÇETİN Y.

THE 6TH EUROPEAN CONFERENCE ON RENEWABLE ENERGY SYSTEMS, İstanbul, Türkiye, 25 - 27 Haziran 2018, ss.1358-1368

XV. Design and Simulation of the Antenna for RF Energy Harvesting Systems

ÇELİK K., KURT E.

6th International Istanbul Smart Grids and Cities Congress and Fair (ICSG), İstanbul, Türkiye, 25 - 26 Nisan 2018, ss.148-150

XVI. Can Non-identical Josephson Junctions be synchronized?

ÇELİK K., KURT E., Stork M.

58th IEEE International Scientific Conference on Power and Electrical Engineering of Riga-Technical-University (RTUCON), Riga, Letonya, 12 - 13 Ekim 2017

XVII. THE MODELLING AND SIMULATION OF A PIEZOELECTRIC BEAM UNDER A PERIODIC MAGNETIC EXCITATION

ÇELİK K., KURT E., UZUN Y.

ECRES 2016 European Conference on Renewable Energy Systems, 28 - 24 Ağustos 2016

XVIII. A New Image Encryption Algorithm Based on Lorenz System

ÇELİK K., KURT E.

8th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), Ploiesti, Romanya, 30 Haziran - 02 Temmuz 2016

XIX. Gradient Adaptive Gaussian Image Filter

ÇELİK K., SAYAN H. H., DEMİRCİ R.

23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Türkiye, 16 - 19 Mayıs 2015, ss.879-882

Desteklenen Projeler

KURT E., ÇELİK K., Yükseköğretim Kurumları Destekli Proje, Çoklu frekanslı bir Hibrit enerji harmanlayıcının tasarımı ve Uygulaması, 2020 - 2021

Metrikler

Yayın: 30

Atıf (WoS): 74

Atıf (Scopus): 104

H-İndeks (WoS): 4

H-İndeks (Scopus): 5