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Personal Information

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Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Dr), Turkey 2016 - 2020

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), Turkey 2014 - 2015

Undergraduate, Erciyes University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 2006 - 2011

Dissertations

Postgraduate, Gradyan uyarlamalı görüntü filtresi tasarımı, Gazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), 2015

Research Areas

Electromagnetic, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Gazi University, Teknoloji Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2013 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **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, 2021 (Journal Indexed in SCI)
- II. **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, 2021 (Journal Indexed in SCI)
- III. **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, vol.23, no.3, pp.595-604, 2020 (Journal Indexed in SCI)
- IV. **Colored Image Encryption and Decryption with a New Algorithm and a Hyperchaotic Electrical Circuit**
Arpaci B., KURT E., ÇELİK K., CİYLAN B.
JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY, vol.15, no.3, pp.1413-1429, 2020 (Journal Indexed in

SCI)

- V. **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, vol.29, no.1, 2019 (Journal Indexed in SCI)
- VI. **Experimental and Theoretical Explorations on the Buckling Piezoelectric Layer Under Magnetic Excitation**
ÇELİK K., KURT E., UZUN Y.
JOURNAL OF ELECTRONIC MATERIALS, vol.46, no.7, pp.4003-4016, 2017 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **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, Turkey, 21 - 23 April 2021, pp.701-705
- II. **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, Turkey, 24 - 25 August 2020
- III. **COMPARISON OF TWO MULTICONE ANTENNAS FOR RADIOFREQUENCY ENERGY HARVESTING**
tariq M. h. , KURT E., ÇELİK K.
2nd International Turkish World Engineering and Science Congress, Turkey, 7 - 10 November 2019
- IV. **A Novel Wideband Circular Fractal Antenna for Energy Harvesting Applications**
ÇELİK K., KURT E.
International Symposium ISAECT 2019, Roma, Italy, 27 - 29 November 2019
- V. **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, Turkey, 26 - 27 August 2019
- VI. **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, Italy, 27 - 29 November 2019
- VII. **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 October 2018
- VIII. **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, Turkey, 25 - 27 June 2018, pp.1358-1368
- IX. **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, Turkey, 25 - 26 April 2018, pp.148-150
- X. **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, Latvia, 12 - 13 October 2017

- XI. **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 August 2016
- XII. **A New Image Encryption Algorithm Based on Lorenz System**
ÇELİK K., KURT E.
8th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), Ploiesti, Romania, 30 June - 02 July 2016
- XIII. **Gradient Adaptive Gaussian Image Filter**
ÇELİK K., SAYAN H. H. , DEMİRCİ R.
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.879-882

Citations

Total Citations (WOS):35

h-index (WOS):4