

Res. Asst. Mahmut Ahmet GÖZEL

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Education Information

Doctorate, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Elektronik Ve Haberleşme Mühendisliği Anabilim Dalı, Turkey 2015 - 2020

Post Graduate, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Elektronik Ve Haberleşme Mühendisliği Anabilim Dalı, Turkey 2011 - 2015

Under Graduate, Suleyman Demirel University, Mühendislik Fakültesi, Electronics and Communication Engineering, Turkey 2007 - 2011

Biography

Mahmut Ahmet Gözel was born in Istanbul in 1987. He received his B.Sc. degree in electronics and communication engineering in Suleyman Demirel University, Isparta, Turkey in 2011, and then received M.Sc. and Ph.D. degrees in 2015 and 2020 respectively in the same university. He is currently working as a research assistant in Department of Electrical and Electronics Engineering, Suleyman Demirel University, Isparta, Turkey. His research interests include antennas, RF energy harvesting, RFID, microwave active and passive circuits design and broadband technologies.

Foreign Languages

English, B1 Intermediate

Research Areas

Electrical and Electronics Engineering, Electromagnetic, Electromagnetic Waves, Antennas and Propagation, Energy, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Suleyman Demirel University, Mühendislik Fakültesi, Elektronik Ve Haberleşme Mühendisliği, 2013 - Continues

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

- Design and implementation of a 3D printed RF power transceiver clamp to measure the water level in PVC water pipes**
Kasar O., GEÇİN M., GÖZEL M. A.
INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING, 2021 (Journal Indexed in SCI)

- II. **Electromagnetic absorption efficiency of aluminum doped composite materials recycled from waste Tetra Pak packages in the frequency range 1.8 GHz to 5 GHz**
Kaya A. I. , Cifci A., GÖZEL M. A. , KAHRİMAN M.
MATERIALS RESEARCH EXPRESS, vol.7, no.12, 2020 (Journal Indexed in SCI)
- III. **Analysis of rectifier stage number and load resistance in an RF energy harvesting circuit**
Kasar O., GÖZEL M. A. , KAHRİMAN M.
MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, vol.62, no.4, pp.1542-1547, 2020 (Journal Indexed in SCI)
- IV. **Design of an efficiency-enhanced Greinacher rectifier operating in the GSM 1800 band by using rat-race coupler for RF energy harvesting applications**
GÖZEL M. A. , KAHRİMAN M., Kasar O.
INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING, vol.29, no.1, 2019 (Journal Indexed in SCI)
- V. **Application of ultra wideband RF energy harvesting by using multisection Wilkinson power combiner**
Kasar O., KAHRİMAN M., GÖZEL M. A.
INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING, vol.29, no.1, 2019 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **868 MHz UHF bandında H-şeklinde katlanmış implant mikroşerit dipol anten tasarımı**
GÖZEL M. A. , KASAR Ö., KAHRİMAN M.
DÜMF Mühendislik Dergisi, vol.10, no.3, pp.797-806, 2019 (Refereed Journals of Other Institutions)
- II. **Wilkinson Güç Birleştirici Kullanarak İki Girişli RF Enerji Hasatlama Devresi ve DC Yük Analizi**
KASAR Ö., KAHRİMAN M., GÖZEL M. A.
Mehmet Akif Ersoy Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.10, no.1, pp.68-72, 2019 (Refereed Journals of Other Institutions)
- III. **Investigation of the Effect of RF-DC Power Conversion Efficiency Single/Double Layered Dickson Rectifier Circuit Using HSMS285c Diode in 545 MHz to 5800 MHz GSM and ISM Bands**
GÖZEL M. A. , KASAR Ö., KAHRİMAN M.
El-Cezeri Journal of Science and Engineering, vol.6, no.1, pp.24-30, 2019 (Refereed Journals of Other Institutions)
- IV. **Broadband Wilkinson power divider based on chebyshev impedance transform method**
KASAR Ö., GÖZEL M. A. , KAHRİMAN M.
International Advanced Researches and Engineering Journal, vol.2, no.3, pp.299-303, 2018 (Refereed Journals of Other Institutions)
- V. **Açısal Olarak Değiştirilebilir Dikdörtgen Yamalı Frekans Seçici Yüzeyle, Ayarlanabilir Bant Geçiren Filtre Tasarımı**
KASAR Ö., GEÇİN M., GÖZEL M. A.
El-Cezeri Journal of Science and Engineering, vol.5, no.3, pp.756-762, 2018 (Refereed Journals of Other Institutions)
- VI. **Euler Polinomları İle Yeni Bir Çoklu Katmanlı Reel Empedans Uyumlandırma Tekniği ve İletim Hattı Uygulaması**
KASAR Ö., KAHRİMAN M., GÖZEL M. A.
Mühendislik Bilimleri ve Tasarım Dergisi, vol.5, no.3, pp.547-552, 2017 (Refereed Journals of Other Institutions)
- VII. **İmplant Tanımlama için Katlanmış Dipollü RFID Etiket Anteni Tasarımı**
GÖZEL M. A. , ÇAĞLAR M. F. , DOĞAN H.
SDÜ Fen Bilimleri Enstitüsü Dergisi, vol.20, no.3, pp.579-586, 2016 (Refereed Journals of Other Institutions)
- VIII. **USE OF RADIO FREQUENCY IDENTIFICATION SYSTEMS ON ANIMAL MONITORING**
DOĞAN H., ÇAĞLAR M. F. , YAVUZ M., GÖZEL M. A.
SDÜ Uluslararası Teknolojik Bilimler Dergisi, vol.8, no.2, pp.38-53, 2016 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **Geniş Bantlı Wilkinson Güç Birleştiricilerle DVB-T, GSM-900, GSM-1800 ve ISM Bantlarında RF Enerji Hasatlama Uygulaması**
KASAR Ö., GÖZEL M. A. , KAHRİMAN M.
URSI-TÜRKİYE'2018 IX. Bilimsel Kongresi, Konya, Turkey, 6 - 08 September 2018, pp.313-315
- II. **Broadband Impedance Matching Techniques in Multi Stepped Wilkinson Power Dividers**
KASAR Ö., GÖZEL M. A. , KAHRİMAN M.
1. International Technological Sciences and Design Symposium, Giresun, Turkey, 27 - 29 June 2018, pp.362
- III. **Microstrip Dipole Antenna Design for Tissue Application in The UHF Band**
GÖZEL M. A. , KAHRİMAN M., KASAR Ö.
1. International Technological Sciences and Design Symposium, Giresun, Turkey, 27 - 29 June 2018, pp.360
- IV. **Angularly Tunable U Shaped Frequency Selective Surfaces For Filtering RF Communication Signals**
KASAR Ö., GEÇİN M., GÖZEL M. A.
1. International Technological Sciences and Design Symposium, Giresun, Turkey, 27 - 29 June 2018, pp.347
- V. **Investigation of RF-DC Conversion Efficiency Based On Stage of the Number Of Rectifier Layers in RF Energy Harvesting System**
GÖZEL M. A. , KASAR Ö., KAHRİMAN M.
1. International Technological Sciences and Design Symposium, Giresun, Turkey, 27 September 2018, pp.337
- VI. **Farklı Dielektrik ve Fiziksel Özelliklere Sahip Altaş Malzemelerin Kullanıldığı Baskı devre kartlarının RF Doğrultma Devrelerinde Güç Doğrultma Verimine Etkisi**
GÖZEL M. A. , KASAR Ö., KAHRİMAN M.
III. Uluslararası Mesleki ve Teknik Bilimler Kongresi, Gaziantep, Turkey, 21 - 22 June 2018, pp.867-871
- VII. **Comparison of Diode Models in RF Energy Harvesting Using Greinacher Voltage Multiplier Rectifier Circuit**
GÖZEL M. A. , KASAR Ö., KAHRİMAN M.
III. Uluslararası Mesleki ve Teknik Bilimler Kongresi (UMTEB III), Gaziantep, Turkey, 21 - 22 June 2018, pp.861-866
- VIII. **A 5.8 Ghz Ism Bant Microstrip Patch Antenna Design and Its Impedance Matching with Euler Method**
KASAR Ö., KAHRİMAN M., GÖZEL M. A.
International Workshop on Mathematical Methods in Engineering, Ankara, Turkey, 27 - 29 April 2017, pp.87-88
- IX. **New Multi Stepped Real Impedance Matching Method with Euler Polynomials and Its Application on Transmission Line**
KASAR Ö., KAHRİMAN M., GÖZEL M. A.
International Workshop on Mathematical Methods in Engineering, Ankara, Turkey, 27 - 29 April 2017, pp.87
- X. **RFID Tag Antenna Design in Different ISM Bands for Implant Identification**
GÖZEL M. A. , ÇAĞLAR M. F.
ICAT'16 INTERNATIONAL CONFERENCE ON ADVANCED TECHNOLOGY SCIENCES, Konya, Turkey, 1 - 03 September 2016, pp.1372-1375
- XI. **A Computer and Electronic Base System Design for Assisting Physiotherapy for Patients Suffering from Cerebral Palsy**
COŞKUN Ö., GÖZEL M. A.
Proceedings of the 3rd WSEAS International Conference on Bioscience and Bioinformatics (ICBB'xx12), 29 - 31 December 2012, pp.253-259

Citations

Total Citations (WOS):15

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