

Res. Asst. FUNDA ERGÜN YARDIM

Personal Information

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Education Information

Doctorate, Gazi University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 2005 - 2012

Post Graduate, Gazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Dr), Turkey 2002 - 2005

Under Graduate, Gazi University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 1996 - 2000

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Zaman Bölgesinde Sonlu Farklar Yöntemi ile Radar Kesit Alanı Kestirimi, Gazi University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2012

Post Graduate, Kaotik Bir Haberleşme Sisteminin Simülasyonu, Gazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Dr), 2005

Academic Titles / Tasks

Research Assistant, Gazi University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2001 - Continues

Courses

Circuit Analysis I, Under Graduate, 2017 - 2018

Probability and Statistics, Under Graduate, 2017 - 2018

Circuit Analysis I Lab., Under Graduate, 2017 - 2018

E.E. MÜHENDİSLİĞİ TASARIMI I, Under Graduate, 2017 - 2018

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

- I. **Estimation of Radar Cross-Section in Rayleigh, MIE, and Optical Regions by the 2-D-FDTD Simulation**
ERGÜN YARDIM F., AKÇAM N.
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, vol.62, no.11, pp.5782-5789, 2014 (Journal Indexed in SCI)
- II. **Field Leakage Reduction Using a Two-Dimensional Matched Numerical Dispersion Method and High-Order Cubic Curvilinear Interpolation**
ERGÜN YARDIM F., AKÇAM N.

IEEE ANTENNAS AND PROPAGATION MAGAZINE, vol.55, no.6, pp.155-169, 2013 (Journal Indexed in SCI)

- III. **SIMULATION OF A COMMUNICATION SYSTEM USING LORENZ- BASED DIFFERENTIAL CHAOS SHIFT KEYING (DCSK) MODEL**
ERGÜN YARDIM F., AFACAN E.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.25, no.1, pp.101-110, 2010 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **S-Band Active Phased-Array RF Beam Forming Networks**
Hasturk A., AKÇAM N., ERGÜN YARDIM F.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.32, no.4, pp.1185-1194, 2019 (Journal Indexed in ESCI)
- II. **S-Band Active Phased-Array RF Beam Forming Networks” GUJS, Vol.32, No.4, pp. 1185 – 1194, 2019.**
hastürk a., AKÇAM N., ERGÜN YARDIM F.
GUJS, vol.32, no.4, pp.1185-1194, 2019 (Refereed Journals of Other Institutions)
- III. **SHIELDING EFFECT ANALYSIS OF PATCH ELEMENTS HAVING DIFFERENT NUMBERS AND LENGHTS**
ERGÜN YARDIM F., AKÇAM N., Bayraktar M.
Gazi University Journal of Science, 2017 (Refereed Journals of Other Institutions)
- IV. **Shielding Effect Analysis of Various Configurations of the Square Patch Elements**
ERGÜN YARDIM F., AKÇAM N., Bayraktar M.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.30, no.2, pp.123-132, 2017 (Journal Indexed in ESCI)
- V. **PERFORMANCE ANALYSIS OF PSK MODULATION TYPES USED INSATELLITE COMMUNICATION SYSTEMS**
AKÇAM N., ERGÜN YARDIM F., kurt T.
International Journal on “Technical and Physical Problems of Engineering”, 2016 (Refereed Journals of Other Institutions)
- VI. **Simulation of Anisotropic perfectly matched layer in two dimensional FDTD**
ERGÜN YARDIM F., AKÇAM N.
Asian Transactions on Fundamentals of Electronics, Communication&Multimedia, vol.2, no.3, pp.6-11, 2012 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **Misalignment Losses at Joint Point in Multimode Fiber Optic Cables**
PİŞGAM P., ERGÜN YARDIM F., DÖKMETAŞ B., AKÇAM N.
6. Uluslararası Multidisipliner Çalışmaları Kongresi (Multicongress), 26 - 27 April 2019
- II. **Design of Phase and Amplitude Controlled Circuits for Active Phased-Array RF Beamforming**
hastürk a., AKÇAM N., ERGÜN YARDIM F.
Sinyal İşleme ve İletişim Uygulamaları (SİU), 24 - 26 April 2019
- III. **Design of Phase and Amplitude Controlled Circuits for Active Phased-Array RF Beamforming Networks**
Hasturk A., AKÇAM N., ERGÜN YARDIM F.
27th Signal Processing and Communications Applications Conference (SIU), Sivas, Turkey, 24 - 26 April 2019
- IV. **Performance Analysis of Modelling of LTE Physical Layer**
Yıldız A. Ş. , ERGÜN YARDIM F., AKÇAM N.
11th International Conference on Technical and Physical Problems in Power Engineering (ICTPE-2015), Bucharest, Romania, 10 - 12 September 2015
- V. **WLAN Kanalları İçin Bant Durduran Frekans Seçici Yüzey Tasarımı**
İfakat Merve B., AKÇAM N., ERGÜN YARDIM F.

3rd. International Symposium on Innovative Technologies in Engineering and Science (ISITES), Valencia, Spain, 3 - 05 June 2015, pp.1659-1668

VI. LTE 4G nin Çoklu Anten Performans Analizleri

Ahmet Şafak Y., ERGÜN YARDIM F., AKÇAM N., Genç F.

3rd. International Symposium on Innovative Technologies in Engineering and Science (ISITES), Valencia, Spain, 3 - 05 June 2015, pp.1669-1676

VII. Döner Kanatlı Hava Araçları Üzerinde Elektromanyetik Uyumluluk Testleri

GÜL SEYHAN Ş., AKÇAM N., ERGÜN YARDIM F.

6. Mühendislik ve Teknoloji Sempozyumu, Ankara, Turkey, 25 - 26 April 2013, pp.253-257

VIII. Morfolojik Görüntü İşleme Yöntemleri Kullanarak Geliştirilmiş Plaka Tespit Yazılımı

Yasir G., AKÇAM N., ERGÜN YARDIM F.

EMG, Ankara, Turkey, 29 September - 01 October 2011, pp.53-55

Citations

Total Citations (WOS):15

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