

Prof. NURSEL AKÇAM

Personal Information

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International Researcher IDs

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Yoksis Researcher ID: 51594

Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Dr), Turkey 1995 - 2001

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), Turkey 1990 - 1993

Undergraduate, Gazi University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 1982 - 1986

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Uydu İletişiminde Kullanılan Parabolik Yansıtıcı Antenlerde Performans Artırılması, Gazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Dr), 2001

Postgraduate, Yaygın Spektrum Modülasyonunda Kullanılabilecek Gürültü Üretici, Gazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), 1993

Research Areas

Engineering and Technology

Academic Titles / Tasks

Professor, Gazi University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği, 2020 - Continues

Associate Professor, Gazi University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği, 2014 - 2020

Assistant Professor, Gazi University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği, 2007 - 2014

Academic and Administrative Experience

Vice Dean, Gazi University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği, 2020 - 2021

Deputy Head of Department, Gazi University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2016 - 2020

Gazi University, Mühendislik Fakültesi, 2013 - 2019

Mevlana Exchange Program Coordinator, Gazi University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği, 2010 - 2019

Gazi University, Mühendislik Fakültesi, 2005 - 2019

Gazi University, Bilişim Enstitüsü, 2017 - 2018

Gazi University, Mühendislik Fakültesi, 2016 - 2016

Gazi University, Mühendislik Fakültesi, 2002 - 2013

Advising Theses

Akçam N., Sea and Land Clutter Analysis Using Horizontal and Vertical Polarization Antennas in X-Band, Postgraduate, Z.ALBAYRAK(Student), 2024

Akçam N., Faz dizili uygulamaları için 2-18 GHz vektör modülatör tasarımı ve gerçekleştirilmesi, Doctorate, A.HASTÜRK(Student), 2024

Akçam N., 5G Sistemler için Çoklu Giriş Çoklu Çıkış Mikroserit Anten Tasarımı, Postgraduate, D.MİRAÇ(Student), 2024

Akçam N., MTI radarlarında filtreleme tekniklerinin karşılaştırılması ve optimal geri beslemeli iptalleyici filtre tasarımı, Postgraduate, A.SAİD(Student), 2024

Akçam N., Okan T., Mimo antenna design for 5th generation communications, Doctorate, K.CÜNERAY(Student), 2023

Akçam N., Internet of things optimization in enterprise networks, Postgraduate, M.Fırat(Student), 2023

Akçam N., GENİŞ BANTLI VE YÜZEY MONTAJ BAĞLANTI ELEMANLI VİVALDİ ANTEN TASARIMI, Postgraduate, K.ARTUÇ(Student), 2023

Akçam N., Makine Öğrenmesi Destekli Çift Bantlı RFID Anten Tasarımı, Postgraduate, Y.NURAY(Student), 2023

Akçam N., Gemi Güvertesi Üstündeki İletken Yapıların Antenlerin Elektriksel Karakteristiklerine Etkilerinin İncelenmesi, Postgraduate, B.TÜREGÜN(Student), 2023

Akçam N., YNR HEDEF HİPERBOLLERİNDEKİ BOZUCU ETKİLERİN İNCELENMESİ, Postgraduate, A.BİLİCİ(Student), 2023

Akçam N., Arıcan G. O., Microstrip Filter Design For 5G Communications, Postgraduate, N.YILDIZ(Student), 2022

Akçam N., Evaluation of Direct RF Sampling Measurements in X-Band Applications, Postgraduate, Ö.YAŞAR(Student), 2022

Akçam N., Otomatik test sistemlerinde gürültü figürü ölçümü, Postgraduate, O.ÖZDEMİR(Student), 2022

Akçam N., Yazgan E., Analysis of Microstrip Structures Using DGS for 5G Applications, Doctorate, B.DÖKMETAŞ(Student), 2021

Akçam N., DESIGN AND SIMULATION OF WIDEBAND MICROWAVE POWER AMPLIFIER OF CLASS J, Postgraduate, A.AKTAŞ(Student), 2021

Akçam N., USAGE OF COGNITIVE RADIO (CR) IN ARQ FEEDBACK SYSTEMS, Doctorate, M.ÇİÇEK(Student), 2021

Akçam N., MODELING THE FACTORS AFFECTING THE IMAGING PERFORMANCE OF SYNTHETIC APERTURE RADARS, Postgraduate, F.Kağan(Student), 2021

Akçam N., Yazgan E., DESIGN AND DEVELOPMENT OF LOW NOISE AMPLIFIER MODULE FOR SPACE APPLICATIONS, Doctorate, G.Orkun(Student), 2021

Akçam N., DRIVER STATUS DETECTION BASED ON INTERNET OF THINGS, Postgraduate, A.SUSAR(Student), 2021

AKÇAM N., Constellation Diagram And Performance Analysis Of Ofdm And Mimo Against The Fading Channel Effect In Wireless Communication, Postgraduate, U.ACAR(Student), 2021

Akçam N., UZAY UYGULAMALARI İÇİN K-BANT DÜŞÜK GÜRÜLTÜLÜ YÜKSELTEÇ MODÜL TASARIMI VE ÜRETİMİ, Doctorate, G.ORKUN(Student), 2021

Akçam N., Misalignment Losses At Joint Point In Multimode Fiber Optic Cables, Postgraduate, P.Pishgam(Student), 2019

AKÇAM N., Design And Application Of Microstrip Patch Array Antenna, Postgraduate, M.AKTAR(Student), 2019

Akçam N., Rectangular Microstrip Array Antenna Design At 10 Ghz For Long Distances Applications, Postgraduate, Ü.Dilber(Student), 2019

AKÇAM N., Design And Design Criteria Of Instrument Current Transformer According To Iec Standards, Postgraduate, Y.KÜRŞAT(Student), 2018

AKÇAM N., Design Of Microstrip Low Pass Filter And Implementation With Thin Film Technology, Postgraduate,

R.TÜZÜN(Student), 2018

AKÇAM N., Scattering Analysis Of Antennas Around Nurbs Surfaces By Using Hybrid Methods, Doctorate, T.OKAN(Student), 2018

Akçam N., Performance Analysis Of Concatenated Bch And Convolutional Coded Ofdm System Over High Frequency Channel, Postgraduate, O.Yavaşoğlu(Student), 2018

AKÇAM N., S-Band Phased Array Beamforming Networks, Postgraduate, A.HASTÜRK(Student), 2017

AKÇAM N., Array Antenna Using Defected Ground Structure Shaped With Fractal Form Generated By Apollonius Circle, Doctorate, S.KUZU(Student), 2017

AKÇAM N., Accelerating Iris Comparison Algorithm With Opencl, Postgraduate, B.ŞİMŞEK(Student), 2016

AKÇAM N., İnsansız hava araçlarının ulusal hava sahalarına entegrasyonu ve yeni hava trafik yönetimi konsepti için otomatik HTK modellemesi ve uçuş yönetim sistemi geliştirilmesi, Doctorate, C.PAŞAOĞLU(Student), 2016

AKÇAM N., Backing Up The Communication System With Radio Link Systems, Postgraduate, S.BAYER(Student), 2015

AKÇAM N., Motor Control Using Dtmf Signals, Postgraduate, B.GÜNDÜZ(Student), 2015

AKÇAM N., The Frequency Selective Surface Applications On Cpu And Gpu, Postgraduate, İ.MERVE(Student), 2015

AKÇAM N., Performance Analysis And Mathematical Model With Matlab Simulation Of 4g (Lte) Communication Systems, Postgraduate, A.ŞAFAK(Student), 2015

AKÇAM N., Design mobile robot which can memorize path with PSoC, Postgraduate, K.CÜNERAY(Student), 2014

AKÇAM N., Analysis of health effects of electromagnetic fields by measuring at different workplaces, Postgraduate, G.BEGÜM(Student), 2014

AKÇAM N., The measurement of widely used RF electromagnetic field sources' analysis of electromagnetic pollution, Postgraduate, N.MERVE(Student), 2014

AKÇAM N., IPV6 security structure and investigation on firewalls, Postgraduate, A.ÇİL(Student), 2014

AKÇAM N., Effect of modulation techniques on link equations at satellite communication systems, Postgraduate, T.KURT(Student), 2013

AKÇAM N., The effect of the fluctuation losses on received power for Doppler radars, Postgraduate, M.ÖCALAN(Student), 2013

AKÇAM N., Using nonparametric adaptive techniques mimo radar performance evaluation for target detection, Postgraduate, N.ERKAN(Student), 2013

AKÇAM N., Matched filter application in synthetic aperture radar, Postgraduate, A.E.(Student), 2012

AKÇAM N., A modern wan design for real-time and critical systems, Postgraduate, A.GÜRTEKİN(Student), 2012

AKÇAM N., Radar cross section calculation by using physical optics method for simple and complex shaped objects, Postgraduate, T.Okan(Student), 2012

AKÇAM N., Electromagnetic compatibility research and emc tests on rotary wing air vehicle, Postgraduate, G.SEYHAN(Student), 2012

AKÇAM N., Design of an environmentally friendly system which converts solar energy into electrical energy, Postgraduate, K.TUĞYAN(Student), 2012

AKÇAM N., Radar cross section prediction with finite difference time domain method, Doctorate, F.ERGÜN(Student), 2012

AKÇAM N., FLIR video ve resim görüntülerinde hedef bulma ve takip etme, Postgraduate, O.DAĞ(Student), 2011

AKÇAM N., Audible and visual warning system design by wireless control, Postgraduate, M.MUSTAFA(Student), 2011

AKÇAM N., Using finite difference time domain method in imaging by ground penetrating radar, Postgraduate, A.ALPER(Student), 2011

AKÇAM N., Gelecek nesil darbant terminal cihazlarının farklı şebekeler üzerinde testi ve haberleşmeye ait sınır değerlerin elde edilmesi, Doctorate, O.DİLLİ(Student), 2011

AKÇAM N., SCINTILLATION OF DIFFERENT TYPES OF BEAMS USED IN LONG HAUL ATMOSPHERIC OPTIC LINKS, Doctorate, M.AKİF(Student), 2011

AKÇAM N., INTELLIGENT HOUSE SYSTEMS, Postgraduate, F.GÜL(Student), 2010

AKÇAM N., The effect of electronic jamming on detection range for pulse doppler radars in aircrafts, Postgraduate, A.Abdulkhaleq(Student), 2010

AKÇAM N., UÇAK TRANSPONDER SİNYALLERİYLE UÇAK POZİSYONUNUN HİPERBOLİK KONUMLANDIRILMASI, Postgraduate, C.PAŞAOĞLU(Student), 2010

AKÇAM N., Frekans düzleminde sonlu farklar yöntemi ile dielektrik bir nesne üzerinden saçılma probleminin nümerik çözümü, Postgraduate, S.KUZU(Student), 2010

AKÇAM N., Performance analysis of wimax antennas, Postgraduate, S.ÇİÇEK(Student), 2010

AKÇAM N., Uçak transponder sinyalleriyle uçak pozisyonunun hiperbolik konumlandırılması, Postgraduate, C.PAŞAOĞLU(Student), 2010

AKÇAM N., ELECTROMAGNETIC COMPATIBILITY RESEARCH AND TESTS ON CABLES, Postgraduate, M.Hatice(Student), 2010

AKÇAM N., BİR HEDEFİN FİZİKSEL OPTİK YÖNTEMİYLE RADAR KESİT ALANININ HESAPLANMASI, Postgraduate, İ.ANT(Student), 2010

AKÇAM N., ADVANCED ENCRYPTION STANDARD, Postgraduate, A.ULUTÜRK(Student), 2010

AKÇAM N., ELECTROMAGNETIC SCATTERING FROM THIN STRIPS, Postgraduate, Y.ÇAKI(Student), 2010

Akçam N., Broadband VSAT Satellite Systems and Using Efficient of Satellite Bandwidth, Postgraduate, A.Fazıl(Student), 2009

AKÇAM N., DC MOTOR SPEED CONTROL BY FUZZY LOGIC APPLICATION, Postgraduate, M.M.(Student), 2008

AKÇAM N., RADAR CROSS SECTION, Postgraduate, M.KAPAN(Student), 2007

Akçam N., Routing and Traffic Planning of ISDN Networks, Postgraduate, M.EKE(Student), 2007

AKÇAM N., Otomatik test cihazları ile aviyonik ünitelerin test edilmesi, Postgraduate, N.KARABULUT(Student), 2007

AKÇAM N., Hava aracı istikamet bilgisi üreten çayro sistemlerinin bilgisayar destekli test ve kontrolü, Postgraduate, A.ÖZKAYA(Student), 2006

AKÇAM N., Mobil haberleşme sistemlerinin gelişimi ve genişband CDMA performans testi, Postgraduate, V.ŞAHİN(Student), 2006

AKÇAM N., Sonlu elemanlar metodunun dikdörtgen kesitli dalga kılavuzlarına uygulanması, Postgraduate, B.GÜNEŞ(Student), 2006

AKÇAM N., Akıllı ev teknolojisi, Postgraduate, İ.GÖKTAŞ(Student), 2006

AKÇAM N., Faz kaymalı doğrusal dizi entenlerde sıfır noktalarının kaydırılması ve örüntünün şekillendirilmesi, Postgraduate, F.KARAAĞAÇ(Student), 2005

AKÇAM N., Güvenilir, hata düzeltmeli ve dijital imzalı protokol geliştirme, Postgraduate, A.ÇAĞRI(Student), 2005

AKÇAM N., ISDN santraller arası haberleşmede yönlendirme, Postgraduate, O.DİLLİ(Student), 2004

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Design of a 2–18 GHz vector modulator using novel switchable balun based bi-phase modulation technique**
Hasturk A., AKÇAM N.
AEU - International Journal of Electronics and Communications, vol.178, 2024 (SCI-Expanded)
- II. **28/38 GHz dual-band MIMO antenna with wideband and high gain properties for 5G applications**
Cuneray K., AKÇAM N., Okan T., Arican G. O.
AEU - International Journal of Electronics and Communications, vol.162, 2023 (SCI-Expanded)
- III. **A Compact Bandstop Filter Design Using DMS-DGS Technique for Radar Applications**
Dökmetaş B., Arican O., Akçam N., Yazgan E.
Applied Computational Electromagnetics Society Journal, vol.36, no.11, pp.1460-1467, 2021 (SCI-Expanded)
- IV. **A New Approach of Overlay Method for Cognitive SW HARQ System**
Cicek M., AKÇAM N.
WIRELESS PERSONAL COMMUNICATIONS, vol.118, no.2, pp.1075-1086, 2021 (SCI-Expanded)
- V. **Wideband low cost FR4 epoxy based antenna with H-shaped slot for V-band applications**
Okan T., AKÇAM N.
INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING, vol.31, no.2, 2021 (SCI-Expanded)
- VI. **Ku-band GaAs mHEMT MMICandRF front-end module for space applications**
Arican G. O., AKÇAM N., Yazgan E.

- MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, vol.63, no.2, pp.417-425, 2021 (SCI-Expanded)
- VII. **Performance analysis of concatenated BCH and convolutional coded OFDM system**
Yavasoglu O., AKÇAM N., Okan T.
INTERNATIONAL JOURNAL OF ELECTRONICS, vol.107, no.10, pp.1574-1587, 2020 (SCI-Expanded)
- VIII. **Analysis of Antennas around NURBS Surfaces by Using a Hybrid Method**
Okan T., AKÇAM N.
RADIOENGINEERING, vol.27, no.3, pp.703-710, 2018 (SCI-Expanded)
- IX. **Array Antenna Using Defected Ground Structure Shaped With Fractal Form Generated by Apollonius Circle**
Kuzu S., AKÇAM N.
IEEE ANTENNAS AND WIRELESS PROPAGATION LETTERS, vol.16, pp.1020-1023, 2017 (SCI-Expanded)
- X. **Collaborative Intent Exchange Based Flight Management System with Airborne Collision Avoidance for UAS**
Pasaoglu C., AKÇAM N., Koyuncu E., Tarhan A. F., İnalhan G.
JOURNAL OF INTELLIGENT & ROBOTIC SYSTEMS, vol.84, pp.665-690, 2016 (SCI-Expanded)
- XI. **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 (SCI-Expanded)
- XII. **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 (SCI-Expanded)
- XIII. **Measurement of OSPF line transitions and data losses**
AKÇAM N., Oğul M.
ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART A-ENERGY SCIENCE AND RESEARCH, vol.29, no.2, pp.979-988, 2012 (SCI-Expanded)
- XIV. **Determining the limit values in end-to-end secure communication within satellite network with FNBDT/SCIP**
Dilli O., AKÇAM N., KOYUNCU M.
ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART A-ENERGY SCIENCE AND RESEARCH, vol.29, no.1, pp.627-642, 2012 (SCI-Expanded)
- XV. **Numerical solution of scattering problem from a dielectric object via finite difference frequency domain method**
Kuzu S., Akçam N.
ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART A-ENERGY SCIENCE AND RESEARCH, vol.29, no.1, pp.487-494, 2012 (SCI-Expanded)
- XVI. **APPLICATION OF FNBDT/SCIP PROTOCOL ON LOCAL AREA NETWORK AND DETERMINATION OF LIMIT VALUES**
Dilli O., AKÇAM N., KOYUNCU M.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.25, no.2, pp.275-283, 2010 (SCI-Expanded)

Articles Published in Other Journals

- I. **Design of 8025-8400 MHz low-noise amplifier (LNA) for satellite communication system**
Dökmetaş B., Akçam N.
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, vol.27, no.4, pp.1648, 2024 (ESCI)
- II. **Particle Swarm Optimization Based Design of a Terahertz Antenna with a Modified Photonic Band Gap Substrate for 6G Future Wireless Communications**
OKAN T., HABERGÖTÜREN ATEŞ S., AKÇAM N.

- ENGINEERING SCIENCES, vol.12, no.2, pp.367-375, 2023 (Peer-Reviewed Journal)
- III. **Design of a Low Cost X-Band LNA with Sub-1-dB NF for SATCOM Applications**
Arıcan G. O., Akçam N.
GUJS, vol.36, no.1, pp.208-218, 2023 (ESCI)
- IV. **Designing of Dual Band F-Shaped RFID Antenna Using Machine Learning Techniques**
Nuray Y., Akçam N.
Journal of Artificial Intelligence and Data Science (JAIDA), vol.2, no.2, pp.69-75, 2022 (Peer-Reviewed Journal)
- V. **Design and Fabrication of Compact Microstrip Low-pass Filter with Thin Film Technique for Wideband Applications**
Tüzün R., Akçam N., Okan T.
GUJS, vol.35, no.2, pp.558-565, 2022 (ESCI)
- VI. **Biyomedikal uygulamaları için vücut içi geniş bantlı İD-EDDK beslemeli SBT bant anten analizi**
Habergötüren Ateş S., Okan T., Akçam N.
Niğde Ömer Halisdemir University Journal of Engineering Sciences, vol.11, no.3, pp.567-583, 2022 (Peer-Reviewed Journal)
- VII. **Design, Fabrication and Performance Analysis of TTD Structures for S-band Active Phased Array RF Beamforming Networks**
Hastürk A., Akçam N., Okan T.
Manas Journal of Engineering, vol.7, no.2, pp.94-98, 2019 (Peer-Reviewed Journal)
- VIII. **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 (ESCI)
- IX. **Scattering Analysis of Antenna by Using Ludwig Based Hybrid Method**
Okan T., Akçam N.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.31, no.4, pp.1156-1164, 2018 (ESCI)
- X. **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 (ESCI)
- XI. **Heterogenous Computing on Iris Matching with OpenCL**
şimşek B., AKÇAM N.
Applied Mechanics and Materials, vol.850, pp.129-135, 2016 (Peer-Reviewed Journal)
- XII. **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 (Peer-Reviewed Journal)
- XIII. **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 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **A Study of Using Different Printed Circuit Board Design Methods on Ethernet Signals**
Kanal B., Akçam N.
The 20th International Conference on "Technical and Physical Problems of Engineering" (ICTPE-2024), İstanbul, Turkey, 31 October 2024, pp.1-6
- II. **COMPARISON OF FIDES GUIDE 2009 AND MIL-HDBK-217F IN SMALL SATELLITES**
Özkale Bayram Y., Akçam N.
5. ULUSLARARASI MÜHENDİSLİK VE FEN BİLİMLERİ KONGRESİ, İstanbul, Turkey, 12 - 13 October 2024, pp.1-8
- III. **A Wide Scan Dual-Polarized Low Profile Array for Satellite Applications with Axial Ratio**

Enhancement

Yılmaz B. A., Arıcan G. O., Akçam N.

2024 IEEE International Symposium on Antennas and Propagation and ITNC-USNC-URSI Radio Science Meeting, Florence, Italy, 14 - 19 July 2024, pp.1793-1794

- IV. **Cylindrical Surface Compatible Array Antenna Design for S-Band Telemetry Frequency Applications**
Manav O., Akçam N.
ULUSLARARASI BİLİMSEL ARAŞTIRMALAR VE İNOVASYON KONGRESİ, Ankara, Turkey, 5 - 06 June 2024, pp.1-2
- V. **LAND CLUTTER ANALYSIS AT 10 GHZ FOR LINEAR POLARIZATIONS**
Albayrak Z., Akçam N.
Sivas Bilim ve Teknoloji Üniversitesi 2. Uluslararası Disiplinlerarası Kadın Akademisyenler Kongresi, Sivas, Turkey, 26 - 28 April 2024, pp.351-354
- VI. **Sea Clutter Analysis at 10 GHz for Vertical and Horizontal Polarizations**
Albayrak Z., Akçam N.
32. IEEE Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SİU 2024) , Mersin, Turkey, 15 - 18 May 2024, pp.1-4
- VII. **MIMO MICROSTRIP ANTENNA DESIGN FOR 5G SYSTEMS**
Er D. M., Akçam N.
4. AHI EVRAN International Conference on Scientific Research, Kırşehir, Turkey, 26 - 28 April 2024, pp.769-770
- VIII. **A Study on Improving The Performance of Delay Line with Feedback Canceller Filter in MTI RadarTI Radarında Geri Beslemeli İptalleyici Filtresi Performansının İyileştirilmesi Üzerine Bir Çalışma**
Akan A. S., Akçam N.
e 4th International Symposium of Scientific Research and Innovative Studies (ISSRIS'24), Balıkesir, Turkey, 13 - 16 March 2024, pp.515-516
- IX. **Examination of Effects of Shipboard Conducting Structures on Electrical Characteristics of HF Antennas**
Türegün B., Akçam N.
2023 10th International Conference on Electrical and Electronics Engineering , İstanbul, Turkey, 8 - 10 May 2023, pp.1-5
- X. **Compact Vivaldi Antenna Design With Broadband and Surface Mount Components**
Artuç K., Akçam N.
2nd International Congress on Scientific Advances (ICONSAD'22), 21 - 24 December 2022, pp.741-742
- XI. **DISRUPTİVE EFFECTS ON GROUND PENETRATING RADAR IMAGES**
Bilici A., Akçam N.
4. INTERNATIONAL SCIENTIFIC RESEARCH AND INNOVATION CONGRESS, İstanbul, Turkey, 24 - 25 December 2022, pp.1003-1004
- XII. **INTERNET OF THINGS OPTIMIZATION IN ENTERPISE NETWORKS**
Erel F., Akçam N.
4. INTERNATIONAL SCIENTIFIC RESEARCH AND INNOVATION CONGRESS, İstanbul, Turkey, 24 - 25 December 2022, pp.1605-1612
- XIII. **DESINING OF DUAL BAND RFID READER ANTENNA DESIGN WITH MACHINE LEARNING TECHNIQUES**
Nuray Y., Akçam N.
3. INTERNATIONAL HASANKEYF SCIENTIFIC RESEARCH AND INNOVATION CONGRESS, Batman, Turkey, 17 - 18 December 2022, pp.230-231
- XIV. **Çift Bantlı Bıçak Antenin Bant Genişliği ve Kazanç Artırma Modifikasyonları**
Okan T., Habergötüren Ateş S., Akçam N.
ELECO 2022 ELEKTRİK-ELEKTRONİK ve BİYOMEDİKAL MÜHENDİSLİĞİ KONFERANSI, Bursa, Turkey, 24 - 26 November 2022, pp.1-4
- XV. **A High-Resolution Vector Modulator Design for Ultra-Wideband Active Phased Array Systems**
Hastürk A., Akçam N.
2022 IEEE International Symposium on Phased Array Systems &Technology (PAST), Massachusetts, United States Of America, 11 - 14 October 2022, pp.1
- XVI. **Bandwidth and Gain Enhancement using FSS on CPW-fed Rectangular Patch Antenna for 5G mm-**

Wave Applications

HABERGÖTÜREN ATEŞ S., AKÇAM N., OKAN T.

2022 International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA), Ankara, Turkey, 9 - 11 June 2022

- XVII. **A Metamaterial Absorber with Ultrathin and Flexible Feature for Microwave Applications**
Cüneray K., Okan T., Akçam N.
4th Global Power, Energy and Communication Conference- GPECOM2022, Konya, Turkey, 14 - 17 June 2022, pp.1-4
- XVIII. **Microstrip Filter Design for 5G Communications**
Yıldız N., Arıcan O., Akçam N.
1st International Conference on Engineering and Applied Natural Sciences , Konya, Turkey, 10 - 13 May 2022, pp.1427-1432
- XIX. **Noise Figure Measurement With Automatic Test Systems**
Özdemir O., Akçam N.
13. Uluslararası Bilimsel Araştırmalar Kongresi, Ankara, Turkey, 11 - 12 March 2022, pp.1-6
- XX. **Performance evaluation of X-band direct RF sampling for radar applications**
YAŞAR Ö., AKÇAM N.
3. International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2021), Turkey, 15 December 2021
- XXI. **Design of novel life-flower shaped phased array antenna for 5G mm-wave communications**
HABERGÖTÜREN ATEŞ S., AKÇAM N.
2021 5th International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), Ankara, Turkey, 21 October 2021
- XXII. **Broadband Microwave Power Amplifier Design and Simulation Using Cree Brand CG2H40025 Transistor With Second and Third Harmonic Tuning**
Aktaş A., Akçam N.
ISITES 2021, Sakarya, Turkey, 15 - 17 October 2021, pp.248-256
- XXIII. **Modeling the Factors Affecting the Imaging Performance of Synthetic Aperture Radars**
Durmaz F. K., Akçam N.
Uluslararası Bilimsel Çalışmalar Kongresi'nin (UBCAK) , Elazığ, Turkey, 15 - 17 March 2021, pp.253-255
- XXIV. **Constellation Diagram and Performance Analysis of OFDM and MIMO Against The Fading Channel Effect in Wireless Communication**
Acar U., Akçam N.
BİLMES, 12 - 15 December 2020, pp.500-512
- XXV. **Performance Enhancement of Crescent Patch Antenna with Rectangular Slots and Inset Fed for 5G Applications**
Cuneray K., Akçam N., Okan T.
2nd IEEE Global Power, Energy and Communication Conference, GPECOM 2020, Virtual, Izmir, Turkey, 20 - 23 October 2020, pp.318-321
- XXVI. **INTERNET OF THINGS APPLICATION AREAS FOR SMART CITIES**
Susar A., Akçam N.
EURASIA 6 th INTERNATIONAL CONGRESS OF APPLIED SCIENCES, Diyarbakır, Turkey, 7 - 08 February 2020, pp.45-46
- XXVII. **LCP Substrate Based Crescent Shaped Microstrip Patch Array Antenna Design For 5G Applications**
Cüneray K., Akçam N.
2019 3rd International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), Niğde, Turkey, 11 - 13 October 2019
- XXVIII. **Rectangular Microstrip Array Antenna Design at 10 GHz for Long Distances Applications**
DİLBER Ü., CÜNERAY K., AKÇAM N.
3 rd International Scientific and Vocational Studies Congress – Engineering (BILMES EN 19), Nevşehir, Turkey, 27 - 30 June 2019

- XXIX. **Misalignment Losses at Joint Point in Multimode Fiber Optic Cables**
PİSHGAM P., ERGÜN YARDIM F., DÖKMETAŞ B., AKÇAM N.
6. Uluslararası Multidisipliner Çalışmaları Kongresi (Multicongress), 26 - 27 April 2019
- XXX. **Investigation of Daily Usage of Electricity Energy Stored by the Night Tariff**
GENÇ R., POLAT U., DÖKMETAŞ B., AKÇAM N.
6. Uluslararası Multidisipliner Çalışmaları Kongresi (Multicongress), 26 - 27 April 2019
- XXXI. **Student Information Platform, Gazi University Example**
AL M. E., SEVRİ M., DÖKMETAŞ B., AKÇAM N.
6. Uluslararası Multidisipliner Çalışmaları Kongresi (Multicongress), 26 - 27 April 2019
- XXXII. **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 (SIU), 24 - 26 April 2019
- XXXIII. **A novel millimeter-wave U-shaped radiating slot antenna with DGS structures for 5G cellular application**
DÖKMETAŞ B., Arican G. O., AKÇAM N., Yazgan E.
11th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey, 28 - 30 November 2019, pp.669-672
- XXXIV. **28-36 GHz MMIC LNA Design for Satellite Applications**
Arican G. O., DÖKMETAŞ B., AKÇAM N., Yazgan E.
11th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey, 28 - 30 November 2019, pp.726-729
- XXXV. **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
- XXXVI. **Ku-Band MMIC LNA Design for Space Applications**
Arican G. O., Akçam N., Yazgan E.
6th International Conference on Electrical and Electronics Engineering (ICEEE), İstanbul, Turkey, 16 - 17 April 2019, pp.274-278
- XXXVII. **Otomobil Radarları için Çokbant Mikroşerit Yama Anten Tasarımı**
Aktar M., AKÇAM N.
Elektrik – Elektronik ve Biyomedikal Mühendisliği Konferansı (ELECO'2018), Turkey, 30 November - 01 December 2018
- XXXVIII. **Birincil SW-HARQ Sistem ile Çalışan Yer Paylaşımli Bilişsel SW-HARQ Sisteminin Performansı**
Çiçek M., AKÇAM N.
International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2018), 22 - 23 November 2018
- XXXIX. **Rectangular Patch Array Antenna Design at 10 GHz for Wireless Communication” International e**
Dilber Ü., AKÇAM N.
International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2018), 22 - 23 November 2018
- XL. **Design of Microstrip Low Pass Filters**
Tüzün R., AKÇAM N.
6th International Symposium on Innovative Technologies in Engineering and Science (ISITES 2018), 9 - 11 November 2018
- XLI. **Improvement of License Plate Recognition Systems With RFID License Plates,**
Kahraman H., AKÇAM N.
3rd International Conference on Engineering Technology and Applied Sciences (ICETAS), 17 - 21 July 2018
- XLII. **Performance Improvement of Multipath AWGN Channel by Using Coded OFDM System**
Yavaşoğlu O., AKÇAM N., OKAN T.
II. International Scientific and Vocational Studies Congress – Engineering and Natural Sciences (BILMES

ENGINEERING 2018), 5 - 08 July 2018

- XLIII. **Core Cross-Section Calculation And Accuracy Class Curves of Instrument Current Transformer**
Ekiz Y. K., AKÇAM N.
16th International Conference on Clean Energy (ICCE-2018), 9 - 11 May 2018
- XLIV. **Multiband Microstrip Patch Antenna For Automobile Radars,**
Aktar M., AKÇAM N.
International Congress on Engineering and Life Sciences (ICELIS 2018), 26 - 29 April 2018, pp.825-829
- XLV. **Analysis of the Misalignment Losses in Fiber Optic Cables**
PİSHGAM P., AKÇAM N.
International Congress on Engineering and Life Sciences (ICELIS 2018), 26 - 29 April 2018
- XLVI. **The Modernization of the Electrical Systems in the Existing Buildings and Sample Building Application**
Aslan O., DÖKMETAŞ B., Güloğlu E. E., AKÇAM N.
8th International Advanced Technologies Symposium (IATS'17), 19 - 22 October 2017
- XLVII. **Occupational Health and Safety in Electrical Work**
Akarçay O., DÖKMETAŞ B., Uyan M. K., AKÇAM N.
8th International Advanced Technologies Symposium (IATS17), 19 - 22 October 2017
- XLVIII. **Performance of S-Band Active Phased-Array RF Beamforming Networks**
hastürk a., AKÇAM N.
ISITES2017 (5TH INTERNATIONAL SYMPOSIUM ON INNOVATIVE TECHNOLOGIES IN ENGINEERING AND SCIENCE), 29 September - 01 October 2017
- XLIX. **Producing Electricity Energy by Obtaining Landfill Gas from Municipal Waste**
Çelebi M., DÖKMETAŞ B., sönmez b., AKÇAM N.
ISITES2017 (5TH INTERNATIONAL SYMPOSIUM ON INNOVATIVE TECHNOLOGIES IN ENGINEERING AND SCIENCE), 29 September - 01 October 2017
- L. **Üstyapı İşlerinde Kojenerasyon Sistemlerinin Uygulanması ve Maliyet Analizinin Araştırılması**
donk m., DÖKMETAŞ B., GÖKAŞAN G., AKÇAM N., TAPLAMACIOĞLU M. C.
5th International Symposium on Innovative Technologies in Engineering and Science, Baku, Azerbaijan, 29 - 30 September 2017
- LI. **Automatic Meter Reading (AMR) System and Application of Esenboga Airport**
Sezgin Ö. B., TAPLAMACIOĞLU M. C., AKÇAM N., GÖZDE H.
5th International Symposium on Innovative Technologies in Engineering and Science ISITES-2017, Baku, Azerbaijan, 29 - 30 September 2017
- LII. **Kojenerasyon Sistemlerinin Uygulanması ve Maliyet Analizinin Araştırılması**
Donk M., DÖKMETAŞ B., Gökaşan G., AKÇAM N.
2nd International Conference on Advanced Engineering Technologies (ICADET 2017), 21 - 23 September 2017
- LIII. **Belediye Atıklarından Elektrik Enerjisi Üretilmesi**
Çelebi M., DÖKMETAŞ B., Sönmez B., AKÇAM N.
2nd International Conference on Advanced Engineering Technologies (ICADET 2017), 21 - 23 September 2017
- LIV. **Analysis of apollonius circles fractals as frequency selective surface**
HABERGÖTÜREN ATEŞ S., Kuzu S., AKSOY E., AKÇAM N.
2017 18th International Symposium on Electromagnetic Fields in Mechatronics, Electrical and Electronic Engineering (ISEF), 14 - 16 September 2017
- LV. **Speed Control of DC Motor Using Fuzzy Logic Application**
DÖKMETAŞ B., AKÇAM N., Faris M.
International Symposium on Innovative Technologies in Engineering and Science, 3 - 05 November 2016
- LVI. **Erişim Kontrolü Temelli Eşzamanlı Birincil ve İkincil SW ARQ Yapılarının Performans Analizi**
Çiçek M., AKÇAM N., DÖKMETAŞ B.
International Symposium on Innovative Technologies in Engineering and Science, 3 - 05 November 2016
- LVII. **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

- LVIII. 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
- LIX. 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
- LX. 5 GHz Frekans Bandında Bant Durduran Filtre Frekans Seçici Yüzey Uygulaması**
I Merve B., AKÇAM N.
8. Mühendislik ve Teknoloji Sempozyumu, Ankara, Turkey, 14 - 15 May 2015
- LXI. DTMF Sinyalleri İle Bir Aracın Telefonla Uzaktan Kontrolü**
Betül G., AKÇAM N.
8. Mühendislik ve Teknoloji Sempozyumu, Ankara, Turkey, 14 - 15 May 2015
- LXII. Radyolink Sistemleri ile Görüntü Aktarımı**
Serhat B., AKÇAM N.
8. Mühendislik ve Teknoloji Sempozyumu, Ankara, Turkey, 14 - 15 May 2015
- LXIII. The Frequency Selective Surface Applications with Parallel Programming**
I Merve B., AKÇAM N.
2nd International Conference on Electrical and Electronics Engineering (ICEEE 2015), Ankara, Turkey, 28 - 29 April 2015
- LXIV. 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
- LXV. Secure Communication Tests Carried out With Next Generation Narrow Band Terminal in Satellite and Local Area Networks**
Dilli O., AKÇAM N., KOYUNCU M., Oğuslu E.
6th International Conference on Recent Advances in Space Technologies (RAST), İstanbul, Turkey, 12 - 14 June 2013, pp.493-498
- LXVI. Using the Time Domain Finite Differences (FDTD) Method in Acquiring Ground Penetrating Radar (GPR) Images**
Ergün Yardım F., Akçam N.
EEMG, Ankara, Turkey, 29 September - 01 October 2011, pp.60-65
- LXVII. 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
- LXVIII. Calculation of radar cross section in thin strips**
Ergün Yardım F., Akçam N.
4.Mühendislik ve Teknoloji Sempozyumu, Ankara, Turkey, 28 - 29 April 2011, pp.171-180

Supported Projects

AKÇAM N., KIZILOĞLU V., Project Supported by Higher Education Institutions, Mikroişlemciler Laboratuvarı Yenileme Projesi, 2015 - 2017

Scientific Refereeing

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Gazi University, Turkey, December 2023

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Gazi University, Turkey, September 2023
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Gazi University, Turkey, August 2023
TUBITAK Project, 1501 - Industry R & D Projects Support Program, ITAS İLERİ TEKNOLOJİ AKILLI SİSTEMLERİ ANONİM
ŞİRKETİ, Turkey, November 2021
TUBITAK Project, 1501 - Industry R & D Projects Support Program, KUARTİS TEKNOLOJİ BİLİŞİM MÜHENDİSLİK
ARAŞTIRMA GELİŞTİRME VE DAN. TİC. LTD. ŞTİ., Turkey, April 2021
KOSGEB, Gazi University, Turkey, October 2020
KOSGEB, Gazi University, Turkey, July 2020
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Gazi University, Turkey, March 2020
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Gazi University, Turkey, March 2020
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Gazi University, Turkey, March 2020

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