

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 opticsmethod 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., İnalanhan 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. **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
- II. **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
- III. **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

- IV. **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
- V. **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
- VI. **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
- VII. **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
- VIII. **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
- IX. **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
- X. **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
- XI. **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
- XII. **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
- XIII. **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
- XIV. **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
- XV. **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

- XVI. **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
- XVII. **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
- XVIII. **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
- XIX. **Broadband Microwave Power Amplifier Design and Simulation Using Cree Brand CG2H40025 Transistor With Second and Third Harmonic Tuning**
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