

MUSTAFA TÜRKMEN

PROF.

Other Email : turkmen@bu.edu

Email : turkmen@erciyes.edu.tr

Office Phone : [+90 352 207 6666](tel:+903522076666) Extension: 32278

Fax Phone : [+90 352 437 5784](tel:+903524375784)

International Researcher IDs

ORCID: 0000-0002-5257-8256

Publons / Web Of Science ResearcherID: L-3041-2014

Yoksis Researcher ID: 10805



Learning Knowledge

Post Doctorate 2009 - 2012	Boston University, College Of Engineering, Electrical And Computer Engineering, United States Of America
Doctorate 2003 - 2009	Erciyes University, Fen Bilimleri Enstitüsü, Elektronik Müh., Turkey
Postgraduate 2001 - 2003	Erciyes University, Fen Bilimleri Enstitüsü, Elektronik Müh., Turkey
Undergraduate 1996 - 2001	Erciyes University, Mühendislik Fakültesi, Elektronik Müh., Turkey

Dissertations

Doctorate, Mikrodalga İletim Hatlarının Bulanık Sinir Ağları ile Modellenmesi, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Elektronik Müh., 2009

Postgraduate, Farklı Geometrik Yapılardaki Mikrodalga İletim Hatlarının Yapay Sinir Ağları ile Modellenmesi, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Elektronik Müh., 2003

Academic Titles / Tasks

Professor 2022 - Continues	Erciyes University, Mühendislik Fakültesi, Elektrik- Elektronik Mühendisliği
Associate Professor 2015 - 2022	Erciyes University, Mühendislik Fakültesi, Elektrik- Elektronik Mühendisliği
Assistant Professor 2009 - 2015	Erciyes University, Mühendislik Fakültesi, Elektrik- Elektronik Mühendisliği

Assistant Professor

2009 - 2012

Boston University, Engineering Faculty, Electrical And Computer Engineering

Research Assistant

2001 - 2009

Erciyes University, Mühendislik Fakültesi, Elektrik- Elektronik Mühendisliği

Supported Projects

1. TÜRKMEN M., ALTUG YANIK H., ERYILMAZ G. M., KORKMAZ S., OKYAY A. K., ASLAN E., ASLAN E., Project Supported by Higher Education Institutions, Biyo-Sensör Uygulamaları İçin Plazmonik Tabanlı Nanoantenna Dizileri Tasarımı, 2015 - 2023
2. TÜRKMEN M., TOPÇUOĞLU H., Project Supported by Higher Education Institutions, Uçuş Zamanı (Time of Flight) Metoduna İle Darbe Lazerli 2-Boyutlu Lazer Alan Tarayıcısı Tasarımı, 2014 - 2023
3. SARAÇOĞLU Ö. G., ASLAN E., TÜRKMEN M., ASLAN E., Project Supported by Higher Education Institutions, Fotonik Metamateriallerin Biyosensör Potansiyelinin Araştırılması, 2015 - 2017
4. TÜRKMEN M., ASLAN E., KORKMAZ S., ERYILMAZ G. M., SARAÇOĞLU Ö. G., ASLAN E., Project Supported by Higher Education Institutions, BİYOSENSÖR UYGULAMALARI İÇİN FRAKTAL GEOMETRİLİ PLAZMONİK NANOANTEN DİZİLERİ TASARIM VE ÜRETİMİ, 2015 - 2017
5. KAYA S., TÜRKMEN M., KARAKAYA H., ASLAN E., Project Supported by Higher Education Institutions, Kızılötesi Bölgede Çalışan Rüzgâr Gücü Şeklindeki Nano Yapıların Tasarımı ve Üretimi, 2014 - 2015
6. TÜRKMEN M., Project Supported by Other Official Institutions, GSM/GPRS/GPS Kontrollü Mobil Reklam Panosu, 2014 - 2015
7. TÜRKMEN M., TUBITAK Project, BİYO-SENSÖR UYGULAMALARI İÇİN PLAZMONİK TABANLI NANOANTEN DİZİLERİ TASARIMI, 2013 - 2015
8. TÜRKMEN M., TUBITAK Project, WLAN ve WiMAX Uygulamaları İçin Kompakt Yarık Antenler, 2012 - 2013
9. TÜRKMEN M., Project Supported by Other Official Institutions, Lazer Alan Tarayıcısı, 2012 - 2013
10. GÜNEY K., KAYA S., TÜRKMEN M., YILDIZ C., Project Supported by Higher Education Institutions, İletken Destekli Eş Düzlemli Dalga Kılavuzlarının Esnek Hesaplama Yöntemleri İle Sentezi, 2009 - 2011
11. TÜRKMEN M., KAYA S., EU Supported Other Project, Aktif İşgücü Piyasasına Uzman Teknik Ara Elemanlar (AKİPTE), 2008 - 2009
12. YILDIZ C., TÜRKMEN M., Project Supported by Higher Education Institutions, KOPLANAR HATLAR İÇİN BULANIK MANTIK SİSTEMİNE DAYALI UYARLANIR AĞ TABANLI CAD MODELLER, 2006 - 2009
13. TÜRKMEN M., KAYA S., EU Supported Other Project, Hayata Dokunmaya Hazırlanan Eller (HAYDEL), 2007 - 2008
14. YILDIZ C., TÜRKMEN M., Project Supported by Higher Education Institutions, MİKRODALGA İLETİM HATLARI İÇİN YAPAY SİNİR AĞI TABANLI CAD MODELLER, 2004 - 2006

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Surface enhanced spectroscopy on organic nanofilms using engineered metamaterials**
Korkmaz S., Koc N., Oktem E., Aksu S., TÜRKMEN M.
Sensors and Actuators A: Physical, vol.363, 2023 (SCI-Expanded)
2. **Crown shaped edge multiband antenna design for 5G and X-Band applications**
Hakanoglu B. G., KILIÇ V. T., ALTINDIŞ F., TÜRKMEN M.
Wireless Networks, vol.29, no.7, pp.3255-3270, 2023 (SCI-Expanded)
3. **Tungsten disulfide based anisotropic metasurfaces for refractive index sensing applications in visible region**

- Kırlar M., Aslan E., Aslan E., Türkmen M.
OPTIK, vol.290, pp.1-10, 2023 (SCI-Expanded)
4. **Numerical analysis of spectrally tunable and polarization independent dual band plasmonic perfect absorber**
Kırlar M., Türkmen M.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.38, no.4, pp.2025-2032, 2023 (SCI-Expanded)
 5. **Dual-band plasmonic perfect absorber for refractive index sensing from mid- to near infrared region**
Korkmaz S., TÜRKMEN M.
Journal of Electromagnetic Waves and Applications, vol.37, no.6, pp.782-793, 2023 (SCI-Expanded)
 6. **Ultra narrowband perfect absorber for refractive index sensing applications in mid-infrared region**
Kırlar M., Turkmen M.
JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS, vol.37, no.6, pp.803-813, 2023 (SCI-Expanded)
 7. **Experimental Study of a Quad-Band Metamaterial-Based Plasmonic Perfect Absorber as a Biosensor**
Korkmaz S., Oktem E., Yazdaanpanah R., Aksu S., TÜRKMEN M.
Molecules, vol.27, no.14, 2022 (SCI-Expanded)
 8. **Dual-Band Patch Antenna with Simple Rectangular Shaped Slots for Local Area Networks**
Türkmen M., Gunes Y. E., Hakanoglu B. G., Yalduz H., Sen O.
WIRELESS PERSONAL COMMUNICATIONS, vol.123, no.2, pp.1047-1058, 2022 (SCI-Expanded)
 9. **Design and Analysis of Low Profile and Low SAR Full-Textile UWB Wearable Antenna with Metamaterial for WBAN Applications**
Yalduz H., Tabaru T. E., Kılıç V. T., Türkmen M.
Aeu-International Journal Of Electronics And Communications, vol.126, no.1, pp.1250-1262, 2020 (SCI-Expanded)
 10. **Mid-infrared narrow band plasmonic perfect absorber for vibrational spectroscopy**
Korkmaz S., TÜRKMEN M., Aksu S.
SENSORS AND ACTUATORS A-PHYSICAL, vol.301, 2020 (SCI-Expanded)
 11. **An ultra-wide band low-SAR flexible metasurface-enabled antenna for WBAN applications**
Yalduz H., Koc B., Kuzu L., TÜRKMEN M.
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, vol.125, no.9, 2019 (SCI-Expanded)
 12. **An effective triple-band enhanced-infrared-absorption detection by honeycomb-shaped metamaterial-plasmonic absorber**
Aslan E., Aslan E., SARAÇOĞLU Ö. G., TÜRKMEN M.
SENSORS AND ACTUATORS A-PHYSICAL, vol.288, pp.149-155, 2019 (SCI-Expanded)
 13. **Metamaterial plasmonic absorber for reducing the spectral shift between near- and far-field responses in surface-enhanced spectroscopy applications**
Asian E., Aslan E., TÜRKMEN M., SARAÇOĞLU Ö. G.
SENSORS AND ACTUATORS A-PHYSICAL, vol.267, pp.60-69, 2017 (SCI-Expanded)
 14. **Experimental and numerical characterization of a mid-infrared plasmonic perfect absorber for dual-band enhanced vibrational spectroscopy**
ASLAN E., Aslan E., TÜRKMEN M., SARAÇOĞLU Ö. G., SARAÇOĞLU Ö. G.
OPTICAL MATERIALS, vol.73, pp.213-222, 2017 (SCI-Expanded)
 15. **Square fractal-like nanoapertures for SEIRA spectroscopy: An analytical, numerical and experimental study**
Aslan E., Turkmen M.
SENSORS AND ACTUATORS A-PHYSICAL, vol.259, pp.127-136, 2017 (SCI-Expanded)
 16. **Polarization insensitive plasmonic perfect absorber with coupled antisymmetric nanorod array**
Aslan E., Kaya S., Aslan E., Korkmaz S., SARAÇOĞLU Ö. G., Turkmen M.
SENSORS AND ACTUATORS B-CHEMICAL, vol.243, pp.617-625, 2017 (SCI-Expanded)
 17. **Design of planar chiral metamaterials for near-infrared regime**
Kaya S., TÜRKMEN M., Topaktas O.

- APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, vol.123, no.1, 2017 (SCI-Expanded)
18. **Multispectral Cesaro-Type Fractal Plasmonic Nanoantennas**
Aslan E., Aslan E., Wang R., Hong M. K., Erramilli S., TÜRKMEN M., SARAÇOĞLU Ö. G., Dal Negro L.
ACS PHOTONICS, vol.3, no.11, pp.2102-2111, 2016 (SCI-Expanded)
 19. **Quantification of Multiple Molecular Fingerprints by Dual-Resonant Perfect Absorber**
CETIN A. E., Korkmaz S., DURMAZ H., ASLAN E., Kaya S., PAIELLA R., TÜRKMEN M.
Advanced Optical Materials, vol.4, no.8, pp.1274-1280, 2016 (SCI-Expanded)
 20. **Theoretical and experimental analysis of subwavelength bowtie-shaped antennas**
Cetin A. E., Aksu S., Turkmen M., Etezadi D., Altug H.
JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS, vol.29, no.13, pp.1686-1698, 2015 (SCI-Expanded)
 21. **Refractive index sensing characteristics of dual resonances in rectangular fractal nano-apertures**
ASLAN E., TÜRKMEN M.
OPTICAL MATERIALS, vol.46, pp.423-428, 2015 (SCI-Expanded)
 22. **Dual-band plasmonic resonator based on Jerusalem cross-shaped nanoapertures**
Cetin A. E., Kaya S., Mertiri A., Asian E., Erramilli S., Altug H., TÜRKMEN M.
PHOTONICS AND NANOSTRUCTURES-FUNDAMENTALS AND APPLICATIONS, vol.15, pp.73-80, 2015 (SCI-Expanded)
 23. **Multi-resonant compact nanoaperture with accessible large nearfields**
Cetin A. E., Turkmen M., Aksu S., Etezadi D., Altug H.
APPLIED PHYSICS B-LASERS AND OPTICS, vol.118, no.1, pp.29-38, 2015 (SCI-Expanded)
 24. **Characterization of x-shaped nanoaperture antenna arrays operating in mid-infrared regime**
Turkmen M.
CHINESE OPTICS LETTERS, vol.11, no.7, 2013 (SCI-Expanded)
 25. **ANFIS MODELS FOR SYNTHESIS OF OPEN SUPPORTED COPLANAR WAVEGUIDES**
Kaya S., Guney K., YILDIZ C., TÜRKMEN M.
NEURAL NETWORK WORLD, vol.23, no.6, pp.553-569, 2013 (SCI-Expanded)
 26. **Novel Dual-Band Resonator Nanoantenna Array for Infrared Detection Applications**
Aslan E., TÜRKMEN M.
SENSORS AND MATERIALS, vol.25, no.9, pp.689-696, 2013 (SCI-Expanded)
 27. **Nanoparticle-Based Metamaterials as Multiband Plasmonic Resonator Antennas**
Cetin A. E., Turkmen M., Aksu S., Altug H.
IEEE TRANSACTIONS ON NANOTECHNOLOGY, vol.11, no.1, pp.208-212, 2012 (SCI-Expanded)
 28. **Plasmon induced transparency in cascaded pi-shaped metamaterials**
Cetin A. E., Artar A., Turkmen M., Yanik A. A., Altug H.
OPTICS EXPRESS, vol.19, no.23, pp.22607-22618, 2011 (SCI-Expanded)
 29. **Multi-resonant metamaterials based on UT-shaped nano-aperture antennas**
TÜRKMEN M., Aksu S., Cetin A. E., Yanik A. A., Altug H.
OPTICS EXPRESS, vol.19, no.8, pp.7921-7928, 2011 (SCI-Expanded)
 30. **ANFIS MODELS FOR THE QUASISTATIC ANALYSIS OF COPLANAR STRIP LINE STRUCTURES**
TÜRKMEN M., YILDIZ C., Guney K., Kaya S.
MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, vol.52, no.9, pp.1990-1996, 2010 (SCI-Expanded)
 31. **ADAPTIVE-NETWORK-BASED FUZZY INFERENCE SYSTEM MODELS FOR COMPUTING THE CHARACTERISTIC IMPEDANCES OF AIR-SUSPENDED TRAPEZOIDAL AND RECTANGULAR-SHAPED MICROSIELD LINES**
TÜRKMEN M., YILDIZ C., Guney K., Kaya S.
MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, vol.52, no.1, pp.20-24, 2010 (SCI-Expanded)
 32. **Accurate synthesis formulas obtained by using a differential evolution algorithm for conductor-backed coplanar waveguides**
KAYA S., GÜNEY K., YILDIZ C., TÜRKMEN M.
Progress In Electromagnetics Research M, vol.10, pp.71-81, 2009 (SCI-Expanded)
 33. **Comparison of adaptive-network-based fuzzy inference system models for analysis of conductor-**

backed asymmetric coplanar waveguides

TÜRKMEN M., YILDIZ C., GÜNEY K., KAYA S.

Progress In Electromagnetics Research M, vol.8, pp.1-13, 2009 (SCI-Expanded)

34. **ANALYSIS OF CONDUCTOR-BACKED COPLANAR WAVEGUIDES USING ADAPTIVE-NETWORK-BASED FUZZY INFERENCE SYSTEM MODELS**
YILDIZ C., Guney K., TÜRKMEN M., Kaya S.
MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, vol.51, no.2, pp.439-445, 2009 (SCI-Expanded)
35. **New and Accurate Synthesis Formulas for Asymmetric Coplanar Stripline with an Infinitely Wide Strip**
Guney K., YILDIZ C., KAYA S., TÜRKMEN M.
JOURNAL OF INFRARED MILLIMETER AND TERAHERTZ WAVES, vol.30, no.2, pp.109-116, 2009 (SCI-Expanded)
36. **Synthesis formulas for microcoplanar striplines**
Guney K., YILDIZ C., Kaya S., TÜRKMEN M.
MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, vol.50, no.11, pp.2884-2888, 2008 (SCI-Expanded)
37. **Adaptive neuro-fuzzy models for the quasi-static analysis of microstrip line**
YILDIZ C., Guney K., TÜRKMEN M., Kaya S.
MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, vol.50, no.5, pp.1191-1196, 2008 (SCI-Expanded)
38. **Synthesis formulas for conductor-backed coplanar waveguide**
YILDIZ C., TÜRKMEN M.
MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, vol.50, no.4, pp.1115-1117, 2008 (SCI-Expanded)
39. **Accurate and simple synthesis formulas for coplanar waveguides**
Akdagli A., TÜRKMEN M., YILDIZ C.
INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING, vol.18, no.2, pp.112-117, 2008 (SCI-Expanded)
40. **New and accurate synthesis formulas for multilayer homogeneous coupling structure**
Guney K., Yildiz C., Kaya S., Turkmen M.
MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, vol.49, no.10, pp.2486-2489, 2007 (SCI-Expanded)
41. **Neural models for the V-shaped conductor-backed coplanar waveguides**
Guney K., Yildiz C., Kaya S., Turkmen M.
MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, vol.49, no.6, pp.1294-1299, 2007 (SCI-Expanded)
42. **Neural models for coplanar strip line synthesis**
Yildiz C., Guney K., Turkmen M., Kaya S.
PROGRESS IN ELECTROMAGNETICS RESEARCH-PIER, vol.69, pp.127-144, 2007 (SCI-Expanded)
43. **Neural models for quasi-static analysis of conventional and supported coplanar waveguides**
Yildiz C., Guney K., Turkmen M., Kaya S.
AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS, vol.61, no.8, pp.521-527, 2007 (SCI-Expanded)
44. **Neural models for the broadside-coupled V-shaped microshield coplanar waveguides**
Guney K., Yildiz C., Kaya S., Turkmen M.
International Journal of Infrared and Millimeter Waves, vol.27, no.9, pp.1241-1255, 2006 (SCI-Expanded)
45. **Simple and accurate synthesis formulas obtained by using a differential evolution algorithm for coplanar strip lines**
Yildiz C., AKDAGLI A., TURKMEN M.
MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, vol.48, no.6, pp.1133-1137, 2006 (SCI-Expanded)
46. **Artificial neural networks for calculating the characteristic impedance of air-suspended trapezoidal and rectangular-shaped microshield lines**
Guney K., Yildiz C., Kaya S., Turkmen M.
JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS, vol.20, no.9, pp.1161-1174, 2006 (SCI-Expanded)
47. **Neural analysis of top shielded multilayered coplanar waveguides**
TÜRKMEN M., YILDIZ C., SAĞIROĞLU Ş.
Turkish Journal of Electrical Engineering and Computer Sciences, vol.12, no.1, pp.1-10, 2004 (SCI-Expanded)

48. **New and very simple CAD models for coplanar waveguide synthesis**
Yildiz C., TURKMEN M.
MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, vol.41, no.1, pp.49-53, 2004 (SCI-Expanded)
49. **Neural model for coplanar waveguide sandwiched between two dielectric substrates**
Yildiz C., Sagiroglu S., TURKMEN M.
IEEE PROCEEDINGS-MICROWAVES ANTENNAS AND PROPAGATION, vol.151, no.1, pp.7-12, 2004 (SCI-Expanded)
50. **Neural models for an asymmetric coplanar stripline with an infinitely wide strip**
Yildiz C., SAGIROGLU S., Saracoglu O., TURKMEN M.
INTERNATIONAL JOURNAL OF ELECTRONICS, vol.90, no.8, pp.509-516, 2003 (SCI-Expanded)

Articles Published in Other Journals

1. **Design Equation for Operating Frequency of Patch Antenna with a Rectangular Tuning Stub at Early Phase 5G Bands**
HAKANOĞLU B. G., HAYBER Ş. E., TÜRKMEN M.
Academic Platform Journal of Engineering and Science, vol.9, 2021 (Peer-Reviewed Journal)
2. **Dual-Band Perfect Absorber with Iron-Cross Shaped Nanoapertures at Mid-Infrared Frequencies**
Onur A., TÜRKMEN M.
Advanced Electromagnetics (AEM), 2018 (Scopus)
3. **Design and Performance Analysis of a Flexible UWB Wearable Textile Antenna on Jeans Substrate**
TÜRKMEN M., YALDUZ H.
International Journal of Information and Electronics Engineering, vol.8, no.2, pp.15-18, 2018 (Peer-Reviewed Journal)
4. **Four Headed Arrow Shaped Dual Band Perfect Absorbers for Biosensing Applications**
Onur A., TÜRKMEN M., KAYA S.
International Journal of Applied Mathematics, Electronics and Computers, pp.262-265, 2016 (Peer-Reviewed Journal)
5. **Neural models for the elliptic- and circular-shaped microshield lines**
KAYA S., TÜRKMEN M., GÜNEY K., YILDIZ C.
Progress In Electromagnetics Research B, vol.6, pp.169-181, 2008 (Scopus)
6. **Quasi-static models based on artificial neural networks for calculating the characteristic parameters of multilayer cylindrical coplanar waveguide and strip line**
YILDIZ C., TÜRKMEN M.
Progress In Electromagnetics Research B, vol.3, pp.1-22, 2008 (Scopus)
7. **Adaptive neuro-fuzzy models for conventional coplanar waveguides**
TÜRKMEN M., KAYA S., YILDIZ C., GÜNEY K.
Progress In Electromagnetics Research B, vol.6, pp.93-107, 2008 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

1. **Fractal Based Nanoantenna Arrays For Biosensing Applications**
TÜRKMEN M., ASLAN E., KIRLAR M.
NRW Nano Conference – Innovations in Materials and Applications, 20 - 22 November 2018
2. **Fractal plasmonic metamaterials for biosensing applications**
TÜRKMEN M., KIRLAR M., ASLAN E.
8th NRW Nano-Conference, Dortmund, Germany, 21 - 22 November 2018, pp.1
3. **Optimization of Feed Line Parameters of a Square Microstrip Patch Antenna at 39 GHz for 5G Designs**
HAKANOĞLU B. G., HAYBER Ş. E., TÜRKMEN M.

2nd International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT 2018), Ankara, Turkey, 19 - 21 October 2018, pp.11

4. **COMPERATIVE INVESTIGATION OF THE SLOT EDGE DIMENSIONS FOR A SQAURE MICROSTRIP PATCH ANTENNA AT 28 GHZ AND 39 GHZ FOR 5G APPLICATIONS**
HAKANOĞLU B. G., TÜRKMEN M.
II. INTERNATIONALSCIENTIFIC AND VOCATIONALSTUDIES CONGRESS (BILMES 2018), 1 - 03 October 2018
5. **A Square Microstrip Patch Antenna with Enhanced Return Loss Through Defected Ground Plane for 5G Wireless Networks**
HAKANOĞLU B. G., Şen O., TÜRKMEN M.
2018 2nd URSI Atlantic Radio Science Meeting (AT-RASC), 28 May - 01 June 2018
6. **Reflection Spectrum Analysis of Plasmonic Nanoantennas for Biosensing Applications**
Korkmaz S., AKSU RAMAZANOĞLU S., TÜRKMEN M.
14th NANOSCIENCE ANDNANOTECHNOLOGY CONFERENCE, 22 - 25 September 2018
7. **The Effect Of Diamond – Shaped Slots In Square Microstrip Patch Antenna At 39 GHZ**
HAKANOĞLU B. G., TÜRKMEN M.
I. International Symposium on Graduate Research in Science (ISGRS 2018), 4 - 06 October 2018
8. **Demir Haç Şeklinde Nano-Açıklık Tabanlı Çift Bantlı MükemmelSoğurucu Dizileri**
onur a., TÜRKMEN M.
URSI-TÜRKİYE'2018 IX. Bilimsel Kongresi, 6 - 08 September 2018
9. **VLF Metal Dedektörlerinde Hedef Modelleme ve Frekansa Bağlı Tepkilerin İncelenmesi**
Yavaş K., Bülkü G., tura I., TÜRKMEN M., Tahta S.
URSI-TÜRKİYE'2018 IX. Bilimsel Kongresi, 6 - 08 September 2018
10. **Çift-bant plazmonik mükemmel soğurucunun yansıma, geçiş,soğurum ve kırıcılık indisi hassasiyetinin analizi**
Korkmaz S., AKSU RAMAZANOĞLU S., TÜRKMEN M.
URSI-TÜRKİYE'2018 IX. Bilimsel Kongresi, 6 - 08 September 2018
11. **5G Haberleşme Ağlarında Kare Mikroşerit Yama Anten İçin 39 GHz'de Yarık Kenarı Boyutlarının Çalışma Frekansına Etkisi**
HAKANOĞLU B. G., TÜRKMEN M.
URSI-TÜRKİYE'2018 IX. Bilimsel Kongresi, 6 - 08 September 2018
12. **Effects of Dielectric Spacer on Absorbance Characteristics of a Dual-Band Nanoparticle Based Magen David Shaped Perfect Absorber**
onur a., TÜRKMEN M.
7th International Conference on Advanced Technologies (ICAT'xx18), 28 April - 01 May 2018
13. **Jerusalem Cross Shaped Nanoparticles Based Dual Band Plasmonic Perfect Absorbers for Infrared Sensing Applications**
onur a., TÜRKMEN M.
7th International Conference on Advanced Technologies (ICAT'xx18), 28 April - 01 May 2018
14. **Design and Performance Analysis of a Flexible UWB Wearable Textile Antenna on Jeans Substrate**
YALDUZ H., TÜRKMEN M.
5th International Conference On Electrical And Electronics Engineering (ICEEE 2018), 3 - 05 May 2018
15. **Design and Analysis of Quad-Band Grid Array Microstrip Antenna at UWB and ISM Channel Frequencies for WBAN Operations**
YALDUZ H., TÜRKMEN M.
ELECO 2017 10th International Conference on Electrical and Electronics Engineering, 30 November - 02 December 2017
16. **An inset fed square microstrip patch antenna to improve the return loss characteristics for 5G applications**
Hakanoglu B., TÜRKMEN M.
32nd General Assembly and Scientific Symposium of the International Union of Radio Science, URSI GASS 2017, Montreal, Canada, 19 - 26 August 2017, pp.1-4

17. **Effects of dielectric spacer on absorbance characteristics of a dual-band nanoaperture based perfect absorber**
ONUR A., TÜRKMEN M.
10th Japanese-Mediterranean Workshop on Applied Electromagnetic Engineering for Magnetic, Superconducting, Multifunctional and Nano Materials, JAPMED'10 2017, İzmir, Turkey, 4 - 08 July 2017, vol.915, pp.28-33
18. **Dual Band Perfect Absorber for Bio-Sensing Applications with Cardinal Point Star Shaped Nanoparticles**
onur a., TÜRKMEN M.
5th International Conference on Advanced Technology Sciences (ICAT'xx17), 9 - 12 May 2017
19. **Multilayer Plasmonic Absorber Based Metamaterial for Refractive Index Sensing and Surface Enhanced Spectroscopy Applications**
ASLAN E., ASLAN E., SARAÇOĞLU Ö. G., TÜRKMEN M.
5th International Conference on Advanced Technology & Sciences (ICAT'17), İstanbul, Turkey, 9 - 12 May 2017, pp.205
20. **Dual-Resonant Perfect Absorber for Multiple Molecular Fingerprints**
DURMAZ H., Cetin A. E., Korkmaz S., ASLAN E., KAYA S., Paiella R., TÜRKMEN M.
The 2017 MRS-Materials Research Society, Arizona, United States Of America, 17 - 21 April 2017
21. **Multi-Spectral Fractal Plasmonics for Surface-Enhanced Spectroscopy**
ASLAN E., ASLAN E., Wang R., Hong M. K., Erramilli S., TÜRKMEN M., SARAÇOĞLU Ö. G., Dal Negro L.
2016 MRS Fall Meeting & Exhibit, Boston, Ma, United States Of America, 27 November - 02 December 2016, pp.1
22. **Design of Multi Resonant Metamaterial Absorber for Biosensing Applications**
ASLAN E., Aslan E., Korkmaz S., KAYA S., SARAÇOĞLU Ö. G., TÜRKMEN M.
BİYOMUT 2016, 3 - 05 November 2016
23. **Biyoalgılama Uygulamaları için Çoklu-Rezonant Metamalzeme Soğurucu Tasarımı**
ASLAN E., Aslan E., Korkmaz S., KAYA S., SARAÇOĞLU Ö. G., TÜRKMEN M.
20. BİYOMEDİKAL MÜHENDİSLİĞİ ULUSAL TOPLANTISI (BİYOMUT 2016), İzmir, Turkey, 3 - 05 November 2016, pp.206-209
24. **Effects of Dielectric Spacer on Absorption Characteristics of Double Headed Arrow Shaped Perfect Absorber**
onur a., TÜRKMEN M., KAYA S.
Tıp Teknolojileri Kongresi (TIPTEKNO 16), 27 - 29 October 2016
25. **Four Headed Arrow Shaped Dual Band Perfect Absorbers for Biosensing Applications**
Onur A., TÜRKMEN M., KAYA S.
3th International Conference, ICAT'16, Konya, Turkey, 1 - 03 September 2016
26. **Spektroskopi Uygulamalarında Kullanılabilecek Parçacık Tabanlı Plazmonik Nanoanten Dizilerinin Tasarımı**
KIRLAR M., ONUR A., TÜRKMEN M., KAYA S.
VIII. URSI-TÜRKİYE'2016 BİLİMSEL KONGRESİ, Ankara, Turkey, 1 - 03 September 2016, pp.1
27. **Transmission and Reflection Characteristics of Fourfold Rotationally Symmetric Rectangular Nanoaperture Antenna Arrays**
Aslan E., ASLAN E., Korkmaz S., KAYA S., SARAÇOĞLU Ö. G., TÜRKMEN M.
International Conference on Advanced Technology & Sciences (ICAT'16), Konya, Turkey, 1 - 03 September 2016, pp.632-634
28. **Double-Headed Arrow Gold Nanoparticle Based Perfect Absorber for Infrared Sensing Applications**
Onur A., TÜRKMEN M., KAYA S.
12th Nanoscience and Nanotechnology Conference (NanoTR-12), Kocaeli, Turkey, 3 - 05 June 2016, pp.1
29. **Effects of Dielectric Spacer on Absorption Characteristics of Asymmetric Cross Shaped Perfect Absorber**
Tasci F., TÜRKMEN M., KAYA S.
12th Nanoscience and Nanotechnology Conference (NanoTR-12), Kocaeli, Turkey, 3 - 05 June 2016, pp.1
30. **Optical Characteristics of UT-Shaped Multi-Resonant Metamaterials**

- Kırlar M., Türkmen M., Kaya S.
12th Nanoscience and Nanotechnology Conference (NanoTR-12), Kocaeli, Turkey, 3 - 05 June 2016, pp.1
31. **Quadratic Koch Island Shaped Multi-Resonant Metamaterial Absorber for Biosensing Applications**
ASLAN E., Aslan E., Korkmaz S., KAYA S., SARAÇOĞLU Ö. G., TÜRKMEN M.
18th Nanotech 2016 Conference & Expo, Washington Dc, United States Of America, 22 - 25 May 2016, pp.1-3
32. **UWB Haberleşmesi için Elmas Şeklindeki Ayarlamaya Yarıklarına Sahip Mikroşerit Yama Anten Tasarımı**
Altuntaş F., DEVELİ İ., TÜRKMEN M.
24. Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SİU), 16 - 19 May 2016
33. **Design of microstrip patch antenna with diamond shaped tuning slots for UWB communications**
Altuntaş F., DEVELİ İ., TÜRKMEN M.
Signal Processing and Communication Application Conference (SIU), 2016 24th, 16 - 19 May 2016
34. **Biyoalgılama Uygulamaları ve Nano-biyosensörler**
Onur A., Korkmaz S., TÜRKMEN M., KAYA S.
Elektrik Elektronik Mühendisliği Kongresi (EEMKON 2015), İstanbul, Turkey, 19 - 21 November 2015, pp.1-7
35. **Elektromanyetik Alanlar ve Sağlık Uygulamalarında Kullanımı**
Onur A., Onur M. İ., TÜRKMEN M., KAYA S.
Elektromanyetik Alanlar ve Etkileri Sempozyumu (EMANET 2015), Mersin, Turkey, 13 - 15 November 2015, pp.1-4
36. **Rotated First Iteration Square Fractal Shaped Perfect Absorbers**
Aslan E., Korkmaz S., KAYA S., TÜRKMEN M.
OSA Advanced Photonics Congress, Boston, United States Of America, 27 June - 01 July 2015
37. **Rhombic Nanoantenna Arrays with Extended Arms on Different Dielectric Substrates for Infrared Applications**
Korkmaz S., Aslan E., KAYA S., TÜRKMEN M.
OSA Advanced Photonics Congress, Boston, United States Of America, 27 June - 01 July 2015
38. **Diamond Nanoparticle with Cross Aperture for Improving Absorbance Characteristics of Multispectral Sensors**
Aslan E., ASLAN E., KAYA S., Saracoglu O. G., TÜRKMEN M.
OSA Advanced Photonics Congress, Boston, United States Of America, 27 June - 01 July 2015
39. **H Şeklindeki Nano Anten Dizilerinde Polarizasyonun Yansıma ve Geçiş Spektrumlarına Etkisi**
ASLAN E., TÜRKMEN M., SARAÇOĞLU Ö. G.
-TÜRKİYE 2014 Ulusal Kongresi, Elazığ, Turkey, 28 - 30 August 2014, pp.1-3
40. **Polarizasyon Bağımsız Plazmonik Nanoanten Dizilerinde Metal Kalınlığının Etkisinin İncelenmesi**
ASLAN E., KAYA S., TÜRKMEN M.
Union Radio-Scientifique Internationale Türkiye, URSI 2014, Elazığ, Turkey, 28 - 30 August 2014, pp.1-3
41. **Characterization of a Plasmonic Absorber Structure for Infrared Detection Applications**
ASLAN E., Korkmaz S., SARAÇOĞLU Ö. G., TÜRKMEN M.
OSA Advanced Photonics Congress, Barselona, Spain, 27 - 31 July 2014
42. **Enhanced Transmission through Periodic Arrays of Jerusalem Cross-Shaped Nanoapertures for Sensing Applications**
ASLAN E., KAYA S., TÜRKMEN M.
OSA Advanced Photonics Congress, Barcelona, Spain, 27 - 31 July 2014
43. **Optical characterization of Jerusalem cross-shaped nanoaperture antenna arrays**
TÜRKMEN M., Aslan E., ASLAN E.
Conference on Microfluidics, BioMEMS, and Medical Microsystems XII, San-Francisco, Costa Rica, 2 - 04 February 2014, vol.8976
44. **Optical properties of plasmonic nanoantenna arrays based on H-shaped nanoparticles with extended arms**
TÜRKMEN M., Aslan E.
Conference on Reliability, Packaging, Testing, and Characterization of MOEMS/MEMS, Nanodevices, and Nanomaterials XIII, San-Francisco, Costa Rica, 3 - 04 February 2014, vol.8975
45. **Optical Properties of UT-Shaped Plasmonic Nanoaperture Antennas**

- TÜRKMEN M., Aksu S., Cetin A. E., Yanik A. A., Altug H.
Conference on Nanostructured Thin Films IV, California, United States Of America, 23 - 25 August 2011, vol.8104
46. **U-Shaped Nano-Apertures for Enhanced Optical Transmission and Resolution**
TÜRKMEN M., Aksu S., Cetin A. E., Yanik A. A., Artar A., Altug H.
Conference on Photonic Microdevices/Microstructures for Sensing III, Florida, United States Of America, 27 - 28 April 2011, vol.8034
47. **Characteristic Impedance Analysis of a Slot Line with the Use of Adaptive Neuro-Fuzzy Inference System**
TÜRKMEN M., KAYA S., YILDIZ C., GÜNEY K.
30th Annual Antenna Measurement Techniques Association (AMTA) Symposium, United States Of America, 1 - 04 November 2008, pp.145-150
48. **Adaptive Neuro-Fuzzy Inference System for Calculating the Characteristic Impedances of Multilayer Homogeneous Coupling Structures**
TÜRKMEN M., KAYA S., YILDIZ C., GÜNEY K.
Electromagnetic Wave Scattering, EWS 2008, Turkey, 1 - 04 October 2008, vol.11, pp.15-20
49. **Şerit Hatların Karakteristik Empedanslarının Bulanık Mantık Sistemine Dayalı Uyarlanırlı Ağlar ile Hesaplanması**
TÜRKMEN M., KAYA S., YILDIZ C., GÜNEY K.
Union Radio-Scientifique Internationale Türkiye, URSI 2008, Antalya, Turkey, 1 - 04 October 2008, pp.309-312
50. **Analysis of Coplanar Waveguide with Upper and Bottom Shielding by using Neuro-Fuzzy Models**
TÜRKMEN M., KAYA S., YILDIZ C., GÜNEY K.
Conference for Computer-Aided Engineering and System Modeling, Turkey, 1 - 04 November 2007, pp.1-9
51. **Neuro-Fuzzy Models for Conventional Coplanar Waveguides**
TÜRKMEN M., KAYA S., YILDIZ C., GÜNEY K.
Electromagnetic Wave Scattering, EWS 2006, Turkey, 1 - 04 September 2006, vol.11, pp.85-90
52. **Sandviç Eş Düzlemli Dalga Kılavuzlarının Analizleri için Bulanık Mantık Sistemine Dayalı Uyarlanırlı Ağ Modelleri**
TÜRKMEN M., KAYA S., YILDIZ C., GÜNEY K.
Union Radio-Scientifique Internationale Türkiye, URSI 2006, Ankara, Turkey, 1 - 04 September 2006, pp.389-391
53. **Neuro-Fuzzy Models for Coplanar Waveguide on an Infinitely Thick Dielectric Substrate**
TÜRKMEN M., KAYA S., YILDIZ C., GÜNEY K.
Conference for Computer-Aided Engineering and System Modeling, Turkey, 1 - 04 September 2006, pp.1-7
54. **Dairesel Mikroekranlı Hatların Quasi-Statik Analizinin Yapay Sinir Ağları ile Gerçekleştirilmesi**
KAYA S., TÜRKMEN M., GÜNEY K., YILDIZ C.
Union Radio-Scientifique Internationale Türkiye, URSI 2006, Ankara, Turkey, 1 - 04 September 2006, pp.379-381
55. **Tek Toprak Düzlemine Sahip İletken Destekli Eş Düzlemli Dalga Kılavuzlarının Yapay Sinir Ağları ile Modellenmesi**
KAYA S., TÜRKMEN M., GÜNEY K., YILDIZ C.
Conference for Computer-Aided Engineering and System Modeling, Turkey, 1 - 04 November 2005, pp.7-12
56. **CAD Models Based on Artificial Neural Networks for Sandwiched Coplanar Striplines**
TÜRKMEN M., Özcan O., KAYA S., YILDIZ C., GÜNEY K.
Conference for Computer-Aided Engineering and System Modeling, Turkey, 1 - 04 November 2005, pp.1-6
57. **İki Katmanlı Dielektrik Tabana Sahip Alt ve Üst Korunmalı Eş Düzlemli Dalga Kılavuzlarının Yapay Sinir Ağları ile Modellenmesi**
TÜRKMEN M., KAYA S., YILDIZ C.
Union Radio-Scientifique Internationale Türkiye, URSI 2004, Ankara, Turkey, 1 - 04 September 2004, pp.42-44
58. **Neural model for conventional coplanar waveguide sandwiched between two dielectric substrates**
Turkmen M., YILDIZ C., SAGIROGLU S.
IEEE International Symposium on Electromagnetic Compatibility (EMC), İstanbul, Turkey, 11 - 16 May 2003, pp.296-299
59. **Yapay Sinir Ağları ile Sonlu Dielektrik Tabanlı Geleneksel Eş Düzlemli Dalga Kılavuzlarının Quasi-**

Statik Analizlerinin Gerçekleştirilmesi

YILDIZ C., Sağirođlu Ő., TÜRKMEN M., SARAÇOĐLU O.

ELEKTRİK - ELEKTRONİK ve BİLGİSAYAR MÜHENDİSLİĐİ SEMPOZYUMU, Bursa, Turkey, 1 - 04 December 2002, pp.154-158

60. **Asılı ve Ters Mikroşerit Hatların Karakteristik Empedanslarının Hesaplanmasında Yeni Bir Yaklaşım Yapay Sinir Ağları**

YILDIZ C., Sağirođlu Ő., SARAÇOĐLU O., TÜRKMEN M.

ELEKTRİK - ELEKTRONİK ve BİLGİSAYAR MÜHENDİSLİĐİ SEMPOZYUMU, Bursa, Turkey, 1 - 04 December 2002, pp.159-163

61. **Asılı ve Ters Mikroşerit Hatların Efektif Dielektrik Sabitlerinin Yapay Sinir Ağları ile Modellenmesi**

YILDIZ C., Sağirođlu Ő., SARAÇOĐLU O., TÜRKMEN M.

URSİ Türkiye 2002 Birinci Ulusal Kongresi, İstanbul, Turkey, 1 - 04 September 2002, pp.24-27

62. **Yapay Sinir Ağları ile Eş Düzlemlili Silindirik Dalga Kılavuzlarının Quasi Statik Analizlerinin Gerçekleştirilmesi**

YILDIZ C., Sağirođlu Ő., TÜRKMEN M., SARAÇOĐLU O.

URSİ Türkiye 2002 Birinci Ulusal Kongresi, İstanbul, Turkey, 1 - 04 September 2002, pp.38-41

Academic and Administrative Experience

2013 - Continues	Erciyes University
2012 - Continues	Erciyes University
2012 - Continues	Erciyes University
2012 - 2014	Erciyes University
2012 - 2014	Erciyes University

Courses

Nanoteknoloji, Undergraduate, 2013 - 2014

Fotonik ve Lazer Teknolojileri, Postgraduate, 2012 - 2013

Teknik Yabancı Dil - II, Undergraduate, 2012 - 2013

Plazmonikler ve Metamalzemeler, Postgraduate, 2012 - 2013

Nanoteknolojinin Temelleri, Undergraduate, 2012 - 2013

Nanoteknolojinin Temelleri, Undergraduate, 2011 - 2012

Teknik Yabancı Dil - I, Undergraduate, 2012 - 2013

Advising Theses

Türkmen M., 5G haberleşme uygulamaları için milimetre dalga boylu yama antenlerin tasarım ve üretimi, Doctorate, B.GÜRÇAN(Student), 2021

Türkmen M., Plazmonik nanoanten dizilerinin tasarımı, üretimi, karakterizasyonu ve kızılötesi spektroskopi tabanlı biyoalgılama uygulamaları, Doctorate, S.KORKMAZ(Student), 2020

Türkmen M., Kablosuz vücut alan ağ uygulamaları için metamalzeme destekli mikroşerit antenlerin tasarım ve üretimi, Doctorate, H.YALDUZ(Student), 2020

Türkmen M., Uçuş Zamanı Metoduna Dayalı Darbe Lazerli 2-Boyutlu Lazer Alan Tarayıcısı, Postgraduate, H.Topçuođlu(Student), 2019

Türkmen M., Güneş pili uygulamaları için çoklu ve geniş bant metamalzeme soğurucu tasarımı, Postgraduate, J.ALSMAEL(Student), 2019

Türkmen M., Çift bantta mükemmel soğurum özelliği gösteren plazmonik nanoanten dizileri tasarımı, Postgraduate, M.KIRLAR(Student), 2019

Türkmen M., Multiband spektroskopi uygulamaları için plazmonik mükemmel soğurucular, Postgraduate, A.ONUR(Student), 2017

Türkmen M., Biyosensör uygulamaları için fraktal geometri ile plazmonik nanoanten dizileri tasarım ve üretimi, Doctorate, E.ASLAN(Student), 2017

Develi I., Türkmen M., Ultra Geniş Bant (UGB) Haberleşme Sistemleri için Mikroşerit Yama Anten Tasarımı, Postgraduate, F.Altuntaş(Student), 2016

Türkmen M., Biyosensör uygulamalarında kullanılacak plazmonik tabanlı mükemmel soğurucuların tasarımı, Postgraduate, S.KORKMAZ(Student), 2015

Türkmen M., Kablosuz haberleşme uygulamaları için mikroşerit beslemeli yarık anten tasarımı, Postgraduate, G.MURAT(Student), 2013

Patent

Türkmen M., LAZERLİ MALZEME FARKLILIĞI ALGILAMA SİSTEMİ, Patent, CHAPTER B Implementation of Operations; Transport, The Invention Registration Number: 2017/17054 , Standard Registration, 2021

Memberships / Tasks in Scientific Organizations

TÜBİTAK - Çağrı Programı Hazırlama Kurulu, Member, 2018 - Continues

TÜBİTAK - 1003 Programları Çağrı Hazırlama Kurulu, Member, 2018 - Continues

TÜBİTAK - Danışma Kurulu Üyesi, Member, 2017 - Continues

Proje Değerlendirme Kurulu, Member, 2017 - Continues

TÜBİTAK - İş Rehberliği ve Mentörlük, Member, 2014 - Continues

Scientific Refereeing

Nature Photonics, SCI Journal, March 2018

Sensors, SCI Journal, January 2018

Optical Engineering, SCI Journal, January 2017

Optical Materials, SCI Journal, January 2017

Optics Express, SCI Journal, January 2016

IEEE Transactions on Nanotechnology - (IEEE TNANO), SCI Journal, April 2012

IEE - Microwaves, Antennas and Propagation (IEE-MAP), SCI Journal, April 2010

Progress In Electromagnetics Research (PIER), SCI Journal, April 2009

Journal of Electromagnetic Waves and Applications (JEMWA), SCI Journal, April 2009

Journal of Computational and Applied Mathematics (CAM), SCI Journal, January 2008

Textile Research Journal (TRJ), SCI Journal, December 2007

Turkish Journal of Electrical Engineering and Computer Sciences, SCI Journal, October 2007

Micro & Nano Letters (IET MNL), SCI Journal, January 2007

Scientific Consultations

Atak Ulaşım Elektronik San. Tic. Ltd. Şti., Scientific Consultancy, Erciyes University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, Turkey, 2018 - Continues

Nokta Dedektör Ar-Ge Merkezi - İstanbul, Scientific Consultancy, Erciyes University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, Turkey, 2017 - Continues

Başak Metal San. Tic. A.Ş., Scientific Consultancy, Erciyes University, Mühendislik Fakültesi, Elektrik- Elektronik Mühendisliği, Turkey, 2018 - 2020

Mamurtek AR-GE Merkezi - İstanbul, Scientific Consultancy, Erciyes University, Mühendislik Fakültesi, Elektrik- Elektronik Mühendisliği, Turkey, 2017 - 2020

ENART Emaye San. Tic. Ltd. Şti., Scientific Consultancy, Erciyes University, Mühendislik Fakültesi, Elektrik- Elektronik Mühendisliği, Turkey, 2017 - 2020

Evin Celik A.S., Scientific Consultancy, Erciyes University, Mühendislik Fakültesi, Elektrik- Elektronik Mühendisliği, Turkey, 2013 - 2020

Ditaş Doğan Yedek Parça San. Tic. A.Ş. - Niğde, Scientific Consultancy, Erciyes University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, Turkey, 2018 - 2019

EnerjiSEM Kablosuz Enerji Aktarım Sistemleri, Scientific Consultancy, Erciyes University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, Turkey, 2016 - 2017

MEDİSEM Bilyomedikal Cihaz Teknolojileri, Scientific Consultancy, Erciyes University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, Turkey, 2014 - 2015

HT Mühendislik, Scientific Consultancy, Erciyes University, Mühendislik Fakültesi, Elektrik- Elektronik Mühendisliği, Turkey, 2014 - 2015

Scientific Research / Working Group Memberships

Kamu-Üniversite-Sanayi İşbirliği Çalışma Grubu, Bilim, Sanayi ve Teknoloji Bakanlığı, Turkey, kusip.org.tr, 2014 - Continues

Metrics

Publication: 125
Citation (WoS): 1185
Citation (Scopus): 1185
H-Index (WoS): 20
H-Index (Scopus): 20

Research Areas

Technical Sciences, Electrical and Electronics Engineering, Electronic, Microwave Circuits, Optics and Photonics, Electromagnetic, Electromagnetic Waves, Antennas and Propagation, MEMS, Optoelectronic Materials and Devices, Metallurgical and Materials Engineering, Material science and engineering, Nanomaterials

Non Academic Experience

Business Establishment Private, NOKTA MÜHENDİSLİK A.Ş., AR-GE MERKEZİ
Business Establishment Private, FOTONİK TEKNOLOJİ A.Ş., Kurucu Genel Müdür
Ministry, SANAYİ VE TEKNOLOJİ BAKANLIĞI, KUSİ Çalışma Grubu
University, BOSTON UNIVERSITY, ELECTRICAL AND COMPUTER ENGINEERING