

## Prof. GONCA ÇAKIR

### Personal Information

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### Education Information

Doctorate, Kocaeli University, Fen Bilimleri Enstitüsü, Elektronik Ve Haberleşme Mühendisliği Anabilim Dalı, Turkey 1999 - 2004

Postgraduate, Kocaeli University, Fen Bilimleri Enstitüsü, Turkey 1996 - 1999

Undergraduate, Yildiz Technical University, Faculty Of Electrical & Electronics, Electronics And Communication Engineering, Turkey 1992 - 1996

### Research Areas

Electromagnetic Band Spacing Structures, Electromagnetic Waves, Antennas and Propagation, Passive Microwave Circuits

### Academic Titles / Tasks

Professor, Kocaeli University, Elektronik Ve Haberleşme Mühendisliği Bölümü, 2018 - Continues

### Academic and Administrative Experience

Head of Department, Kocaeli University, Mühendislik Fakültesi, Elektronik ve Haberleşme Mühendisliği, 2015 - 2017

### Advising Theses

Çakır G., Radar kesit alanı azaltılmış ultra geniş bantlı mikroşerit anten tasarımı, Doctorate, C.MUSTAFA(Student), 2015

Çakır G., Baskı devrelerde elektromanyetik ışıma azaltma teknikleri, Postgraduate, F.BULUT(Student), 2013

Çakır G., Lazer-atom etkileşimi ile elektromanyetik dalga ölçümleri, Doctorate, S.ÇAKIR(Student), 2012

Çakır G., Elektromanyetik filtre ve dalgakılavuzu uygulamaları için metamateryal katmanların benzetimi ve tasarımı, Doctorate, S.ÇİMEN(Student), 2009

Çakır G., Anten desen ölçümü ve mutlak kazancın hesaplanması, Postgraduate, S.ÇAKIR(Student), 2008

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Gain enhancement of co-planar waveguide fed ultra-wide bandwidth monopole antenna with enlarged ground plane and metal reflectors**

Turkmen-Kucuksari Ö., Kocakaya A., Çakır G., Çimen S.

AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS, vol.126, 2020 (Journal Indexed in SCI)

- II. **RCS reduction of reflectarray using new variable size FSS method**

Unaldi S., Bodur H., Çimen S., Çakır G.

AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS, vol.117, 2020 (Journal Indexed in SCI)

- III. **Polarization and angle independent ultra wideband frequency selective surface design**  
KOCAKAYA A., ÇAKIR G., ÇİMEN S.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.35, no.1, pp.287-295, 2020 (Journal Indexed in SCI)
- IV. **High constant gain modified antipodal Vivaldi antenna incorporated with a phase compensation lens and a frequency selective surface**  
Turkmen-Kucuksari Ö., Kocakaya A., Çimen S., Çakır G.  
AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS, vol.113, 2020 (Journal Indexed in SCI)
- V. **Novel Angular and Polarization Independent Band-Stop Frequency Selective Surface for Ultra-Wide Band Applications**  
KOCAKAYA A., ÇİMEN S., ÇAKIR G.  
RADIOENGINEERING, vol.28, no.1, pp.147-153, 2019 (Journal Indexed in SCI)
- VI. **Broadband single-layer reflectarray antenna for X-band applications**  
BODUR H., Unaldi S., ÇİMEN S., ÇAKIR G.  
IET MICROWAVES ANTENNAS & PROPAGATION, vol.12, no.10, pp.1609-1612, 2018 (Journal Indexed in SCI)
- VII. **Constant gain modified antipodal vivaldi antenna with rake-like wires operating over 3.1-10.6 GHz**  
KÜÇÜKSARI Ö., ÇİMEN S., ÇAKIR G.  
MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, vol.60, no.5, pp.1205-1211, 2018 (Journal Indexed in SCI)
- VIII. **Novel angular-independent higher order band-stop frequency selective surface for X-band applications**  
KOCAKAYA A., ÇAKIR G.  
IET MICROWAVES ANTENNAS & PROPAGATION, vol.12, no.1, pp.15-22, 2018 (Journal Indexed in SCI)
- IX. **A Novel Dual-Band Ultrathin FSS With Closely Settled Frequency Response**  
Unaldi S., ÇİMEN S., ÇAKIR G., AYTEN U. E.  
IEEE ANTENNAS AND WIRELESS PROPAGATION LETTERS, vol.16, pp.1381-1384, 2017 (Journal Indexed in SCI)
- X. **An FDTD-Based Parallel Virtual Tool for RCS Calculations of Complex Targets**  
ÇAKIR G., ÇAKIR M., Sevgi L.  
IEEE ANTENNAS AND PROPAGATION MAGAZINE, vol.56, no.5, pp.74-90, 2014 (Journal Indexed in SCI)
- XI. **Design of double-sided axe-shaped ultra-wideband antenna with reduced radar cross-section**  
DİKMEN C. M. , ÇİMEN S., ÇAKIR G.  
IET MICROWAVES ANTENNAS & PROPAGATION, vol.8, no.8, pp.571-579, 2014 (Journal Indexed in SCI)
- XII. **Planar Octagonal-Shaped UWB Antenna With Reduced Radar Cross Section**  
DİKMEN C. M. , ÇİMEN S., ÇAKIR G.  
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, vol.62, no.6, pp.2946-2953, 2014 (Journal Indexed in SCI)
- XIII. **A novel ultrawideband antenna with switchable notch band**  
DİKMEN C. M. , ÇİMEN S., ÇAKIR G.  
MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, vol.55, no.7, pp.1461-1466, 2013 (Journal Indexed in SCI)
- XIV. **Miniature crescent shaped UWB antenna**  
DİKMEN C. M. , ÇAKIR G.  
INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING, vol.23, no.4, pp.494-498, 2013 (Journal Indexed in SCI)
- XV. **FDTD Modeling of Electromagnetic Wave Scattering From a Wedge With Perfectly Reflecting Boundaries: Comparisons Against Analytical Models and Calibration**  
ÇAKIR G., Sevgi L., Ufimtsev P. Y.  
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, vol.60, no.7, pp.3336-3342, 2012 (Journal Indexed in SCI)
- XVI. **Sensing of RF Magnetic Fields Using Zeeman Splitting of Double Radiooptical Resonance and a New Approach to Helmholtz Coil Calibrations**  
Cakir S., Hamid R., Cetintas M., ÇAKIR G., Sen O.

IEEE SENSORS JOURNAL, vol.12, no.7, pp.2465-2473, 2012 (Journal Indexed in SCI)

- XVII. FILTER DESIGN AND MODE SUPPRESSION INSIDE METAMATERIAL-FILLED RECTANGULAR WAVEGUIDES**  
ÇİMEN S., ÇAKIR G., Sevgi L.  
MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, vol.52, no.7, pp.1659-1663, 2010 (Journal Indexed in SCI)
- XVIII. Radar cross-section (RCS) analysis of high frequency surface wave radar targets**  
ÇAKIR G., Sevgi L.  
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.18, no.3, pp.457-467, 2010 (Journal Indexed in SCI)
- XIX. METAMATERIAL SLABS AND REALIZATION OF ALL-TYPE FILTER CHARACTERISTICS: NUMERICAL AND ANALYTICAL INVESTIGATIONS**  
ÇİMEN S., ÇAKIR G., Sevgi L.  
MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, vol.51, no.4, pp.894-899, 2009 (Journal Indexed in SCI)
- XX. Electromagnetic radiation from multilayer printed circuit boards: a 3D FDTD-based virtual emission predictor**  
ÇAKIR G., ÇAKIR M., Sevgi L.  
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.17, no.3, pp.315-325, 2009 (Journal Indexed in SCI)
- XXI. Design of a compact and wideband microstrip bandstop filter**  
Cakir G.  
MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, vol.50, no.10, pp.2612-2614, 2008 (Journal Indexed in SCI)
- XXII. Antenna calibration for EMC tests and measurements**  
Sevgi L., Cakir S., ÇAKIR G.  
IEEE ANTENNAS AND PROPAGATION MAGAZINE, vol.50, no.3, pp.215-224, 2008 (Journal Indexed in SCI)
- XXIII. A two-dimensional FDTD-Based virtual visualization tool for metamaterial-wave interaction**  
ÇAKIR M., ÇAKIR G., Sevgi L.  
IEEE ANTENNAS AND PROPAGATION MAGAZINE, vol.50, no.3, pp.166-175, 2008 (Journal Indexed in SCI)
- XXIV. Radar cross section (RCS) modeling and simulation, part 2: A novel FDTD-based RCS prediction virtual tool for the resonance regime**  
ÇAKIR G., ÇAKIR M., Sevgi L.  
IEEE ANTENNAS AND PROPAGATION MAGAZINE, vol.50, no.2, pp.81-94, 2008 (Journal Indexed in SCI)
- XXV. Radar cross section (RCS) modeling and simulation, Part 1: A tutorial review of definitions, strategies, and canonical examples**  
Ulusik C., ÇAKIR G., ÇAKIR M., Sevgi L.  
IEEE ANTENNAS AND PROPAGATION MAGAZINE, vol.50, no.1, pp.115-126, 2008 (Journal Indexed in SCI)
- XXVI. Radar cross section (RCS) modeling and simulation, Part 1: A tutorial review of definitions, strategies, and canonical examples**  
Uluşık Ç., Çakır G., Çakır M., Sevgi L.  
Ieee Antennas And Propagation Magazine, vol.50, no.1, pp.115-126, 2008 (Journal Indexed in SCI Expanded)
- XXVII. A novel virtual FDTD-based microstrip circuit design and analysis tool**  
Cakir G., Cakir M., SEVGI L.  
IEEE ANTENNAS AND PROPAGATION MAGAZINE, vol.48, no.6, pp.161-173, 2006 (Journal Indexed in SCI)
- XXVIII. Generic microstrip structure for the realization of all-type broadband filters**  
Gunduz S., Cakir G., Sevgi L.  
Microwave and Optical Technology Letters, vol.48, no.12, pp.2390-2393, 2006 (Journal Indexed in SCI)
- XXIX. A multipurpose FDTD-based two-dimensional electromagnetic virtual tool**  
Cakir G., Cakir M., SEVGI L.  
IEEE ANTENNAS AND PROPAGATION MAGAZINE, vol.48, no.4, pp.142-151, 2006 (Journal Indexed in SCI)
- XXX. A design of a microstrip electromagnetic dual-band bandgap (DB-EBG) structure**  
ÇAKIR G., Sevgi L.  
Microwave and Optical Technology Letters, vol.48, no.7, pp.1405-1408, 2006 (Journal Indexed in SCI)

**XXXI. Design of a novel microstrip electromagnetic bandgap (EBG) structure**

ÇAKIR G., Sevgi L.

Microwave and Optical Technology Letters, vol.46, no.4, pp.399-401, 2005 (Journal Indexed in SCI)

**Articles Published in Other Journals**

**I. A Novel Reflectarray Antenna with Reduced RCS**

Bodur H., Ünalı S., Çimen S., Çakır G.

Kocaeli Journal of Science and Engineering, vol.1, no.1, pp.11-14, 2018 (International Refereed University Journal)

**II. Improving an UWB Antenna Gain by Using Metallic Plates**

EREN K., ÇİMEN S., KÜÇÜKSARI Ö., ÇAKIR G.

Journal of Current Researches on Engineering, Science and Technology, vol.3, no.2, 2017 (Refereed Journals of Other Institutions)

**Refereed Congress / Symposium Publications in Proceedings**

**I. 5G Mobil Haberleşme Uygulamaları için CSRR-DGS Tabanlı Minyatür Dairesel Yama Anten Tasarımı**

Kazdağ A., UÇAR M. H. B. , ÇAKIR G.

URSI-TÜRKİYE 2021 X. Bilimsel Kongresi, Kocaeli/Gebze, Turkey, 07 September 2021, pp.1-3

**II. CPW-Fed Microstrip Monopole Antenna Design with 5.5 GHz Notch-band Filtering Characteristic for Ultra-Wideband Communications**

Küçükvural K., UÇAR M. H. B. , ÇAKIR G.

29th Signal Processing and Communications Applications Conference (SIU) 2021, Turkey, 09 June 2021

**III. Design of a Dual Polarized mmWave Horn Antenna Using Decoupled Microstrip Line Feeder**

TEKBAŞ M., TOKTAŞ A., ÇAKIR G.

2020 International Conference on Electrical Engineering (ICEE), Istanbul, Turkey, Turkey, 25 - 27 September 2020

**IV. Dizi Antenlerde Ön-Arka Kulakçık Oranının Azaltılması**

Şenol G., Çakır G.

İmascon 2019, Kocaeli, Turkey, 26 - 28 April 2019, pp.719-724

**V. Gain Enhancement of UWB Printed Monopole Antenna with Modified Ground Plane**

KOCAKAYA A., ÇAKIR G.

İmascon 2019, Kocaeli, Turkey, 26 - 28 April 2019, pp.466-470

**VI. Design of Dielectric Top Layer for Gain Enhancement in Dual-Band Microstrip Antennas and Forming of Radiation Pattern by Changing Current Distribution**

Demirel M., ÇAKIR G.

İmascon 2019, Kocaeli, Turkey, 26 - 28 April 2019, pp.169-174

**VII. Gain Enhancement of An Ultra Wide Band Rectangular Antenna**

DİKMEN C. M. , ÇAKIR G.

International Conference on Electrical Engineering and Computer Science, Balvi, Latvia, 13 November 2018, pp.227-230

**VIII. Ultra-Geniş Bant Frekans Seçici Yüzey ile Mikroşerit Anten Kazancını Arttırma**

KOCAKAYA A., ÇAKIR G.

IX. URSI-TÜRKİYE 2018 BİLİMSEL KONGRESİ, Konya, Turkey, 5 - 09 September 2018

**IX. X-Bant Uygulamalar İçin Tek Katmanlı Geniş Bant Yansıtıcı Dizi Anten Tasarımı**

Bodur H., Ünalı S., Çimen S., Çakır G.

IMCOFE 2018 V. International multidisciplinary conference of eurasia , Barcelona, Spain, 23 July 2018, pp.101

**X. A Novel Single Layer Frequency Selective Surface for Ultra-Wide Band Applications**

KOCAKAYA A., ÇAKIR G.

ELECO 2017 10th International Conference on Electrical and Electronics Engineering, Bursa, Turkey, 30 November

- 02 December 2017

- XI. **Effect of the Different End Shapes on the Gain Flatness of the Antipodal Vivaldi Antenna**  
KÜÇÜKSARI Ö., ÇİMEN S., ÇAKIR G.  
ELECO 2017 10th International Conference on Electrical and Electronics Engineering November 30-December 2, 2017, Bursa, Turkey, 30 November - 02 December 2017
- XII. **A Closely Located Dual-Band FSS Design for XBand Applications**  
ÜNALDI S., BODUR H., ÇİMEN S., ÇAKIR G.  
AIS 2017 • 12th International Symposium on Applied Informatics and Related Areas • November 9, 2017, 09 November 2017, pp.75-78
- XIII. **Design of X Band Single-Layer Reflectarray with Novel Element**  
ÜNALDI S., BODUR H., ÇİMEN S., ÇAKIR G.  
5th International Conference on Advanced Technology Sciences (ICAT'xx17), İstanbul, Turkey, 9 - 12 May 2017, pp.588-590
- XIV. **Partial Gain Increase at Desired Frequency Range for UWB Microstrip Antennas Using Band-Stop FSS**  
KOMRON H., DİKMEN C. M., ÇAKIR G., KOCAKAYA A., ÇİMEN S.  
5th International Conference on Advanced Technology Sciences (ICAT'xx17), İstanbul, Turkey, 9 - 12 May 2017
- XV. **A NEW BROADBAND REFLECTARRAY ANTENNA WITH MODIFIED CIRCULAR PATCH**  
BODUR H., ÜNALDI S., ÇİMEN S., ÇAKIR G.  
5th International Conference on Advanced Technology Sciences (ICAT'xx17), İstanbul, Turkey, 9 - 12 May 2017, pp.517-519
- XVI. **A Low Profile Miniaturized Band-pass Frequency Selective Surface With Angular Stability**  
KOCAKAYA A., ÇAKIR G.  
5th International Conference On Advanced Technology Sciences, İstanbul, Turkey, 9 - 12 May 2017, pp.651-654
- XVII. **Effect of the Different End Shapes on the Gain Flatness of the Antipodal Vivaldi Antenna**  
TURKMEN-KUCUKSARI O., ÇİMEN S., ÇAKIR G.  
10th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey, 30 November - 02 December 2017, pp.1027-1029
- XVIII. **A Novel Reflectarray Antenna Combined with Double Layer FSS for RCS Reduction**  
BODUR H., ÜNALDI S., ÇİMEN S., ÇAKIR G.  
25th Telecommunication Forum (TELFOR), Belgrade, Serbia And Montenegro, 21 - 22 November 2017, pp.456-458
- XIX. **Ultra Wide Band Crescent Antenna with Enhanced Maximum Gain**  
DİKMEN C. M., ÇAKIR G., ÇİMEN S.  
20th International Symposium on Wireless Personal Multimedia Communications (WPMC), Yogyakarta, Indonesia, 17 - 20 December 2017, pp.276-279
- XX. **A Novel Reflectarray Antenna Backed With Double Layer FSS for RCS Reduction**  
BODUR H., ÇİMEN S., ÇAKIR G., ÜNALDI S.  
International Applied-Computational-Electromagnetics-Society Symposium - Italy (ACES), Firenze, Italy, 26 - 30 March 2017
- XXI. **A Novel Single Layer Frequency Selective Surface Design for Ultra-Wide Band Antenna Gain Enhancement**  
KOCAKAYA A., ÇAKIR G., DİKMEN C.  
10th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey, 30 November - 02 December 2017, pp.1075-1078
- XXII. **Ultra Wide Band Butterfly Antenna With Enhanced Gain**  
DİKMEN C. M., ÇAKIR G., ÇİMEN S.  
Int. Conf. On Electrical Engineering and Computer Sciences (EECS 2016), Hong Kong, 14 - 16 December 2016
- XXIII. **Yağmurun Ku Bant Elektromanyetik Dalgalara Etkisinin Modellenmesi**  
YAYLA A., ÇAKIR G.  
ELECO, Elektrik - Elektronik ve Biyomedikal Mühendisliği Konferansı, Bursa, Turkey, 1 - 03 December 2016
- XXIV. **Açısal kararlılığa sahip ve minyatürize edilmiş bant durdurucu frekans seçici yüzey tasarımı**

- KOCAKAYA A., ÇAKIR G.  
URSI- Türkiye'2016 VIII. Bilimsel Kongresi, Ankara, Turkey, 1 - 03 September 2016
- XXV. **X Bant Uygulamalar için Tek Katmanlı Geniş Bant Yansıtıcı Dizi Anten Tasarımı**  
BODUR H., ÜNALDI S., ÇİMEN S., ÇAKIR G.  
URSI- Türkiye'2016 VIII. Bilimsel Kongresi, Ankara, Turkey, 1 - 03 September 2016
- XXVI. **X-BANT UYGULAMALAR İÇİN TEK KATMANLI GENİŞ BANT YANSITICI DİZİ ANTEN TASARIMI**  
BODUR H., ÜNALDI S., ÇİMEN S., ÇAKIR G.  
URSI-TÜRKİYE'2016 VIII. Bilimsel Kongresi, Turkey, 1 - 03 September 2016
- XXVII. **A Novel dual band FSS reflector for RCS reduction**  
ÜNALDI S., BODUR H., ÇİMEN S., ÇAKIR G.  
ICENS 2016, 2nd International Conference on Engineering and Natural Sciences, Bosnahersek, 24 - 28 May 2016
- XXVIII. **A Novel Broadband Single Layer Reflectarray Antenna Design For X Band Applications**  
BODUR H., ÜNALDI S., ÇİMEN S., ÇAKIR G.  
ICENS 2016, 2nd International Conference on Engineering and Natural Sciences, Bosnahersek, 24 - 28 May 2016
- XXIX. **Dual Band Dual Polarized MIMO Antenna Design for GSM Application**  
Ünalđı S., Çimen S., Çakır G.  
ISITES2015, 3RD INTERNATIONAL SYMPOSIUM ON INNOVATIVE TECHNOLOGIES IN ENGINEERING AND SCIENCECOMPATIBILITY, Valencia, Spain, 5 - 07 June 2015
- XXX. **A reduced RCS ultra wide band antenna with eye geometry**  
DİKMEN C. M. , ÇİMEN S., ÇAKIR G.  
2013 18th International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED 2013, Lviv, Ukraine, 23 - 26 September 2013, pp.104-110
- XXXI. **An octagonal shaped ultra wide band antenna with reduced RCS**  
DİKMEN C. M. , ÇİMEN S., ÇAKIR G.  
2013 2nd International Japan-Egypt Conference on Electronics, Communications and Computers, JEC-ECC 2013, Cairo, Egypt, 17 - 19 December 2013, pp.121-124
- XXXII. **Double Side Axe Shaped UWB Antenna With Reduced RCS**  
DİKMEN C. M. , ÇAKIR G.  
3rd Asia-Pacific Microwave Conference Proceedings (APMC), Seoul, South Korea, 5 - 08 November 2013, pp.215-217
- XXXIII. **An Arrow Shaped Ultra Wide Band Antenna With Reduced RCS**  
DİKMEN C. M. , ÇİMEN S., ÇAKIR G.  
IEEE Jordan Conference on Applied Electrical Engineering and Computing Technologies (AEECT), Amman, Jordan, 3 - 05 December 2013
- XXXIV. **Gerçekçi Hava Hedeflerinin FDTD Tabanlı RKA Simulasyonları**  
ÇAKIR G., ÇAKIR M., SEVGİ L.  
Savunma Teknolojileri Konferansı, ODTU, Ankara, Turkey, 20 - 22 June 2012
- XXXV. **Analytical & numerical calculations of S-parameters in multilayer DPS-DNG junctions**  
ÇİMEN S., ÇAKIR G., Sevgi L.  
20th International Zurich Symposium on Electromagnetic Compatibility, EMC Zurich 2009, Zürich, Switzerland, 12 - 16 January 2009, pp.113-116
- XXXVI. **PARALLEL FDTD-BASED RADAR CROSS SECTION SIMULATIONS**  
ÇAKIR M., ÇAKIR G., SEVGİ L.  
ELECO 2007, Bursa, Turkey, 5 - 09 December 2007
- XXXVII. **Metamaterials and FDTD based Numerical Modeling Studies**  
ÇİMEN S., ÇAKIR M., ÇAKIR G., SEVGİ L.  
ELECO 2007, Bursa, Turkey, 5 - 09 December 2007
- XXXVIII. **RADAR KESİT ALANI (RKA) MODELLEME VE SİMÜLASYONU**  
ÇAKIR G., ÇAKIR M., SEVGİ L.  
USMOS 007, Ankara, Turkey, 18 - 19 April 2007, pp.156-166
- XXXIX. **Design alternatives of spiral antenna arrays for wireless applications**

ÇAKIR G., Sevgi L.

International Symposium on Complex Computing-Networks, İstanbul, Turkey, 13 - 14 June 2005, vol.104, pp.123-125

**XL. A Matlab-based filter design tool using the analogy between wave and circuit theories**

ÇAKIR G., Gunduz S., Sevgi L.

International Symposium on Complex Computing-Networks, İstanbul, Turkey, 13 - 14 June 2005, vol.104, pp.141-142

**XLI. A generic microstrip structure with broadband bandstop and bandpass filter characteristics**

ÇAKIR G., Sevgi L.

International Symposium on Complex Computing-Networks, İstanbul, Turkey, 13 - 14 June 2005, vol.104, pp.149-150

**XLII. based filter design tool using the analogy between wave and circuit theories**

ÇAKIR G., ÇİMEN S., SEVGİ L.

International Symposium on Complex Computing-Networks Location: Dogus Univ Istanbul, Istanbul, TURKEY Date: JUN 13-14, 2005, 13 - 14 June 2005

## Supported Projects

Çakır G., Çimen S., Küçüksarı Ö., TUBITAK Project, Ultra Geniş Bantlı Radar Sistemleri İçin Hibrit Yöntemler Kullanarak Yüksek Kazançlı Anten Tasarımı, 2016 - 2019

ÇAKIR G., ÇİMEN S., TUBITAK Project, Frekans Seçici Yüzey Fsy Arka Yüzlü Düşük Radar Kesit Alanlı Geniş Bant Mikroşerit Yansıtıcı Dizi Anten Yda Tasarımı, 2015 - 2017

Çimen S., Çakır M., Çakır G., TUBITAK Project, Ultra Geniş Bantlı UGB Radar Kesit Alanı Azaltılmış Mikroşerit Anten Tasarımı, 2011 - 2014

## Metrics

Publication: 75

Citation (WoS): 375

Citation (Scopus): 436

H-Index (WoS): 10

H-Index (Scopus): 11