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Personal Information

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Education Information

Doctorate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Elektrik-Elektronik Mühendisliği (Dr), Turkey 1992 - 1996

Foreign Languages

English, C1 Advanced

Research Areas

Electrical and Electronics Engineering, Electromagnetic, Electromagnetic Waves, Antennas and Propagation, Passive Microwave Circuits, Planar Buildings, Engineering and Technology

Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, 2010 - Continues

Associate Professor, Middle East Technical University, Faculty of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, 2008 - 2010

Assistant Professor, Middle East Technical University, Faculty of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, 1999 - 2007

Lecturer PhD, Ohio State University, Elektrosience Lab., 1997 - 1998

Lecturer PhD, Middle East Technical University, Faculty of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, 1996 - 1997

Research Assistant, Middle East Technical University, Faculty of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, 1990 - 1996

Advising Theses

Aydın Çivi H. Ö. , Development Of Multiband Microstrip Antennas For Gps Applications, Postgraduate, M.Caner(Student), 2019

AYDIN ÇİVİ H. Ö. , Differential K-band vector modulator ic design at 180 NM CMOS SOI process, Postgraduate, Ö.FEVZİ(Student), 2019

AYDIN ÇİVİ H. Ö. , High power, gan, quarter-wave length switches for x-band applications, Postgraduate, D.İşinsu(Student), 2019

AYDIN ÇİVİ H. Ö. , Gan-based robust low-noise amplifier, Postgraduate, O.KAZAN(Student), 2018

AYDIN ÇİVİ H. Ö. , An X-band electrical balance duplexer for in band full duplex communications, Postgraduate, O.MEMİOĞLU(Student), 2018

AYDIN ÇİVİ H. Ö. , Design and implementation of VHF-UHF antenna with non-foster matching circuit, Postgraduate, C.AŞCI(Student), 2018

AYDIN ÇİVİ H. Ö. , Design and analysis of ultra-wideband (UWB) printed monopole antennas of circular shape, Postgraduate, S.KARADAĞ(Student), 2017

AYDIN ÇİVİ H. Ö. , Development of K band microstrip patch antenna array for traffic radar, Postgraduate, A.EDA(Student), 2017

AYDIN ÇİVİ H. Ö. , Development of K band microstrip patch antenna array for traffic radars, Postgraduate, A.Eda(Student), 2017

AYDIN ÇİVİ H. Ö. , Monopulse wideband waveguide based travelling wave array antenna, Postgraduate, G.GÜLTEPE(Student), 2017

AYDIN ÇİVİ H. Ö. , Development of a rectenna with a siw cavity backed slot antenna and a fabry-pérot antenna, Postgraduate, E.BOZULU(Student), 2015

AYDIN ÇİVİ H. Ö. , Design and analysis of antennas mounted on cylinders for avionics applications, Postgraduate, M.ÖZCAN(Student), 2015

ALATAN L., AYDIN ÇİVİ H. Ö. , Efficient numerical analysis and design of reflectarray antennas, Doctorate, E.ERÇİL(Student), 2015

AYDIN ÇİVİ H. Ö. , Development of a rectenna with a siw cavity backed slot antenna and a Fabry-Pérot antenna, Postgraduate, E.Bozulu(Student), 2015

AYDIN ÇİVİ H. Ö. , Design of tunable impedance matching circuit for a GSM antenna, Postgraduate, M.ALİ(Student), 2015

AYDIN ÇİVİ H. Ö. , An investigation of beam scanning of arrays on cylindrical, conical and spherical surfaces, Postgraduate, Y.TAKAK(Student), 2015

AYDIN ÇİVİ H. Ö. , K band substrate integrated waveguide power dividers /, Postgraduate, O.KİRİŞ(Student), 2014

AYDIN ÇİVİ H. Ö. , Design and implementation of reconfigurable transmitarray unit cells employing the element rotation method by microfluidics, Doctorate, E.ERDİL(Student), 2014

AYDIN ÇİVİ H. Ö. , Analysis and design of slotted substrate integrated waveguide antenna on cylindrical surface, Doctorate, Ö.BAYRAKTAR(Student), 2014

AYDIN ÇİVİ H. Ö. , Development of multi-layered circuit analog radar absorbing structures, Postgraduate, E.YILDIRIM(Student), 2012

AYDIN ÇİVİ H. Ö. , Dual polarized slotted waveguide array antenna, Postgraduate, D.DOĞAN(Student), 2011

AYDIN ÇİVİ H. Ö. , X band two layer printed reflectarray with shaped beam, Postgraduate, G.ÜÇÜNCÜ(Student), 2011

AYDIN ÇİVİ H. Ö. , DEMİR Ş., X-band high power ferrite phase shifters, Postgraduate, H.İLHAN(Student), 2010

AKIN T., AYDIN ÇİVİ H. Ö. , Dual frequency reconfigurable reflectarray antenna of split ring elements with RF MEMS switches, Postgraduate, C.GÜÇLÜ(Student), 2010

AYDIN ÇİVİ H. Ö. , Beam steerable meanderline antenna using varactor diodes and reconfigurable antenna designs by MEMS switches, Postgraduate, N.GÖKALP(Student), 2008

AYDIN ÇİVİ H. Ö. , Ray analysis of electromagnetic scattering from semi-infinite array of dipoles in free space, Postgraduate, Ö.Murat(Student), 2007

AKIN T., AYDIN ÇİVİ H. Ö. , A monolithic phased array using RF MEMS technology, Doctorate, K.TOPALLI(Student), 2007

AKIN T., AYDIN ÇİVİ H. Ö. , Beam switching reflectarray with RF MEMS technology, Postgraduate, Ö.BAYRAKTAR(Student), 2007

AYDIN ÇİVİ H. Ö. , Analysis of slot coupled microstrip patch antennas, Postgraduate, E.BALLIKAYA(Student), 2007

AYDIN ÇİVİ H. Ö. , Tunable frequency microstrip antennas by RF MEMS technology, Postgraduate, E.ERDİL(Student), 2005

AYDIN ÇİVİ H. Ö. , Dual band microstrip patch antenna structures, Postgraduate, Y.OKUDUCU(Student), 2005

AYDIN ÇİVİ H. Ö. , Tunable frequency microstrip antennas by rf-mems technology, Postgraduate, E.Erdil(Student), 2005

AYDIN ÇİVİ H. Ö. , Efficient analysis of large array antennas, Postgraduate, F.OVALI(Student), 2004

AYDIN ÇİVİ H. Ö. , Use of cylindrical array antennas to increase system capacity of CDMA based mobile communication systems, Postgraduate, M.MURAT(Student), 2002

Jury Memberships

Award, 2020 EuCAP Best Paper Awards - Electromagnetics, European Conference on ANTennas and Propagation, March, 2020

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

- I. **Effect of Symmetry on Insertion Loss in SRR and CSRR Transmitarray Unit Cells Implementing the Element Rotation Method**
ERDIL E., TOPALLI K., Civi O. A.
APPLIED COMPUTATIONAL ELECTROMAGNETICS SOCIETY JOURNAL, vol.33, no.8, pp.835-841, 2018 (Journal Indexed in SCI)
- II. **An Efficient Numerical Solution Method for Reflectarrays of Varying Element Sizes**
Ercil E., Alatan L., Aydın Çivi H. Ö.
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, vol.63, pp.5668-5676, 2015 (Journal Indexed in SCI)
- III. **Bandwidth Enhancement of Small Square Monopole Antenna Using Self-Complementary Structure for Microwave Imaging System Applications**
Ojaroudi M., AYDIN ÇİVİ H. Ö.
APPLIED COMPUTATIONAL ELECTROMAGNETICS SOCIETY JOURNAL, vol.30, no.12, pp.1360-1365, 2015 (Journal Indexed in SCI)
- IV. **Reconfigurable Nested Ring-Split Ring Transmitarray Unit Cell Employing the Element Rotation Method by Microfluidics**
Erdil E., TOPALLI K., Esmailzad N. S. , Zorlu O., KÜLAH H., AYDIN ÇİVİ H. Ö.
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, vol.63, no.3, pp.1164-1169, 2015 (Journal Indexed in SCI)
- V. **A fabrication process based on structural layer formation using Au-Au thermocompression bonding for RF MEMS capacitive switches and their performance**
Cetintepe C., Topalli E. S. , Demir Ş., Civi O. A. , Akin T.
INTERNATIONAL JOURNAL OF MICROWAVE AND WIRELESS TECHNOLOGIES, vol.6, pp.473-480, 2014 (Journal Indexed in SCI)
- VI. **Circumferential Traveling Wave Slot Array on Cylindrical Substrate Integrated Waveguide (CSIW)**
Bayraktar O., Aydın Çivi H. Ö.
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, vol.62, pp.3557-3566, 2014 (Journal Indexed in SCI)
- VII. **Proof of Concept of a Dual-Band Circularly-Polarized RF MEMS Beam-Switching Reflectarray**
Guclu C., Perruisseau-Carrier J., Civi O. A.
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, vol.60, pp.5451-5455, 2012 (Journal Indexed in SCI)
- VIII. **Beam Switching Reflectarray Monolithically Integrated With RF MEMS Switches**
Bayraktar O., Civi O. A. , Akin T.
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, vol.60, pp.854-862, 2012 (Journal Indexed in SCI)
- IX. **BEAM-STEERABLE MEANDERLINE ANTENNA USING VARACTOR DIODES**
Gokalp N., Civi O. A.
MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, vol.53, no.1, pp.200-204, 2011 (Journal Indexed in SCI)
- X. **Hybrid connection of RF MEMS and SMT components in an impedance tuner**
Unlu M., Topalli K., Atasoy H. I. , Demir Ş., Civi O. A. , Akin T.
AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS, vol.64, pp.748-756, 2010 (Journal Indexed in SCI)
- XI. **Tunable dual-frequency RF MEMS rectangular slot ring antenna**
Topalli K., Erdil E., Civi O. A. , Demir Ş., Koc S., Akin T.
SENSORS AND ACTUATORS A-PHYSICAL, vol.156, pp.373-380, 2009 (Journal Indexed in SCI)
- XII. **EMPIRICAL FORMULATION OF BRIDGE INDUCTANCE IN INDUCTIVELY TUNED RF MEMS SHUNT**

SWITCHES

Topallı K, ÜNLÜ M., Atasoy H. İ. , AYDIN ÇİVİ H. Ö. , DEMİR Ş., AKIN T.

PROGRESS IN ELECTROMAGNETICS RESEARCH-PIER, vol.97, pp.343-356, 2009 (Journal Indexed in SCI)

- XIII. **Effect of a carbon black surface treatment on the microwave properties of poly(ethylene terephthalate)/carbon black composites**
Koysuren O., Yesil S., BAYRAM G., Secmen M., Civi Z. A.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.109, no.1, pp.152-159, 2008 (Journal Indexed in SCI)
- XIV. **Efficient analysis of phased arrays of microstrip patches using a hybrid generalized forward backward method/Green's function technique with a DFT based acceleration algorithm**
Bakir O., Civi O. A. , ERTÜRK V. B. , Chou H.
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, vol.56, no.6, pp.1669-1678, 2008 (Journal Indexed in SCI)
- XV. **A monolithic phased array using 3-bit distributed RF MEMS phase shifters**
Topallı K, Civi O. A. , Demir Ş., Koc S., Akin T.
IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES, vol.56, pp.270-277, 2008 (Journal Indexed in SCI)
- XVI. **Frequency tunable microstrip patch antenna using RF MEMS technology**
Erdil E., Topallı K., Unlu M., Civi O. A. , Akin T.
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, vol.55, pp.1193-1196, 2007 (Journal Indexed in SCI)
- XVII. **Array guided surface waves on a finite planar array of dipoles with or without a grounded substrate**
Civi O. A. , Pathak P. H.
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, vol.54, no.8, pp.2244-2252, 2006 (Journal Indexed in SCI)
- XVIII. **New approach for modelling distributed MEMS transmission lines**
Topallı K, Unlu M., Demir S., Civi O., Koc S., Akin T.
IEE PROCEEDINGS-MICROWAVES ANTENNAS AND PROPAGATION, vol.153, pp.152-162, 2006 (Journal Indexed in SCI)
- XIX. **Extension of forward-backward method with DFT-based acceleration algorithm for the efficient analysis of large periodic arrays with arbitrary boundaries**
AYDIN ÇİVİ H. Ö. , ERTÜRK V. B. , Chou H.
MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, vol.47, no.3, pp.293-298, 2005 (Journal Indexed in SCI)
- XX. **Closed-form Green's functions for finite grounded dielectric substrate**
Öğücü G., ALATAN L., AYDIN ÇİVİ H. Ö.
ELECTROMAGNETICS, vol.25, no.2, pp.153-168, 2005 (Journal Indexed in SCI)
- XXI. **Comments on "Effects of ground plane and dielectric truncations on the efficiency of a printed structure"**
Alatan L., Ogucu G., Civi O.
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, vol.52, no.1, pp.350-351, 2004 (Journal Indexed in SCI)
- XXII. **Extension of Forward Backward Method with DFT Based Acceleration Algorithm for The Efficient Analysis of Radiation Scattering from Large Finite Printed Dipole Arrays**
AYDIN ÇİVİ H. Ö.
Microwave and Optical Technology Letters, vol.37, pp.20-26, 2003 (Journal Indexed in SCI Expanded)
- XXIII. **Applications of hybrid discrete Fourier transform-moment method to the fast analysis of large rectangular dipole arrays printed on a thin grounded dielectric substrate**
Chou H., Ko H., AYDIN ÇİVİ H. Ö. , ERTÜRK V. B.
MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, vol.34, no.3, pp.203-207, 2002 (Journal Indexed in SCI)
- XXIV. **Efficient hybrid discrete Fourier transform-moment method for fast analysis of large rectangular arrays**
Chou H., Ho H., Pathak P., Nepa P., Civi O.
IEE PROCEEDINGS-MICROWAVES ANTENNAS AND PROPAGATION, vol.149, no.1, pp.1-6, 2002 (Journal Indexed in SCI)

- XXV. **Near-field scanning in the time domain on a spherical surface - A formulation using the free-space Green's function**
Koc S., Civi O., Buyukdura O.
JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA, vol.110, no.4, pp.1778-1782, 2001 (Journal Indexed in SCI)
- XXVI. **A hybrid uniform geometrical theory of diffraction-moment method for efficient analysis of electromagnetic radiation/scattering from large finite planar arrays**
Civi O., Pathak P., Chou H., Nepa P.
RADIO SCIENCE, vol.35, no.2, pp.607-620, 2000 (Journal Indexed in SCI)
- XXVII. **On the Poisson sum formula for the analysis of wave radiation and scattering from large finite arrays**
Civi O., Pathak P., Chou H.
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, vol.47, no.5, pp.958-959, 1999 (Journal Indexed in SCI)
- XXVIII. **Effects of anisotropy of ferrite coating on the radiation characteristics of a cylindrical conductor excited by elementary sources**
Civi O., Hizal A.
JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS, vol.12, no.3, pp.287-307, 1998 (Journal Indexed in SCI)
- XXIX. **Dielectric Coated Vertically Magnetized Ferrite Slab for Electronically Scanning MM-Wave Antennas**
Aydın Çivi H. Ö.
Turkish Journal Of Electrical Engineering And Computer Sciences, vol.1, no.3, pp.206-218, 1993 (Journal Indexed in SCI Expanded)

Articles Published in Other Journals

- I. **Characteristic Mode Analysis of Unit Cells of Metal-Only Infinite Arrays**
Haykır Y., Aydın Çivi H. Ö.
Advanced Electromagnetics, vol.8, no.2, pp.134-142, 2019 (Journal Indexed in ESCI)
- II. **Development of X-Band Transceiver MMIC's Using GaN Technology**
Memioğlu O., Kazan O., Turan I., Karakuzulu A., Gundel A., Kocer F., Civi O. A.
ADVANCED ELECTROMAGNETICS, vol.8, pp.1-9, 2019 (Journal Indexed in ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Additive Manufactured Matching Medium Design for Implant Communications**
Habiboglu O., Akgun S., Cil E., AYDIN ÇİVİ H. Ö. , Dumanli S.
15th European Conference on Antennas and Propagation, EuCAP 2021, Düsseldorf, Germany, 22 - 26 March 2021
- II. **Use of Characteristic Modes in the CBFM for the Analysis of Large Arrays**
Haykır Y., Civi O. A.
14th European Conference on Antennas and Propagation (EuCAP), Copenhagen, Denmark, 15 - 20 March 2020
- III. **An Interleaved LTSA Array on a Waveguide Beamformer with Dual-Plane Monopulse**
Gultepe G., Dogan D., Civi O. A.
13th European Conference on Antennas and Propagation (EuCAP), Krakow, Poland, 31 March - 05 April 2019
- IV. **Characteristic Mode Analysis of Reflectarray Unit Cell**
Haykır Y., Aydın Çivi H. Ö.
12th European Conference on Antennas and Propagation (EuCAP 2018), London, United Kingdom, 9 - 13 April 2018, pp.1-4
- V. **A Hybrid Antenna Element for Travelling Wave Dual-Plane Monopulse Slotted Waveguide Arrays**
Gültepe G., Doğan D., Aydın Çivi H. Ö.
12th European Conference on Antennas and Propagation (EuCAP 2018), London, United Kingdom, 9 - 13 April

2018, pp.1-4

- VI. **An X-Band Robust GaN Low-Noise Amplifier MMIC with sub 2 dB Noise Figure**
Kazan O., Koçer F., Aydın Çivi H. Ö.
2018 13th European Microwave Integrated Circuits Conference (EuMIC), Madrid, Spain, 23 - 25 September 2018
- VII. **Design and Implementation of an Encapsulated GaN X-Band Power Amplifier Family**
Memioğlu O., Karakuzulu A., Gündel A., Koçer F., Aydın Çivi H. Ö.
2018 13th European Microwave Integrated Circuits Conference (EuMIC), Madrid, Spain, 23 - 25 September 2018
- VIII. **A High Power, GaN, Quarter-Wave Length Switch for X-Band Applications**
Memioğlu O., Turan D. I., Kocer F., Aydın Çivi H. Ö.
18th Mediterranean Microwave Symposium (MMS), İstanbul, Turkey, 31 October - 02 November 2018, pp.195-197
- IX. **UWB 3D Near-Field Imaging with a Sparse MIMO Antenna Array for Concealed Weapon Detection**
Anadol E., Seker I., Camlica S., Topbas T. O., Koc S., Alatan L., Oktem F., Civi O. A.
Conference on Radar Sensor Technology XXII, Florida, United States Of America, 16 - 18 April 2018, vol.10633
- X. **Waveguide-based Monopulse Wideband Travelling-Wave Array**
GULTEPE G., DOGAN D., Civi O. A.
International Symposium of IEEE-Antennas-and-Propagation-Society / USNC/URSI National Radio Science Meeting, California, United States Of America, 9 - 14 July 2017, pp.823-824
- XI. **A Dual-Band Wide-Angle Scanning Phased Array Antenna in K/Ka Bands for Satellite-on-the-Move Applications**
Kapusuz K. Y., AYDIN ÇİVİ H. Ö., Yarovoy A. G.
11th European Conference on Antennas and Propagation (EUCAP), Paris, France, 19 - 24 March 2017, pp.1898-1902
- XII. **K Band Mikroşerit Yama Anten Dizisi Tasarımı**
Aydemir A. E., ALATAN L., KOÇ S. S., AYDIN ÇİVİ H. Ö.
VIII. URSI-Türkiye 2016 Bilimsel Kongresi, Ankara, Turkey, 1 - 03 September 2016
- XIII. **2 45 GHz Fabry Pérot FSY Anten**
Bozulu E., AYDIN ÇİVİ H. Ö.
VIII. URSI-Türkiye'2016 Bilimsel Kongresi, Turkey, 1 - 03 September 2016
- XIV. **Füze Üstü Telemetri Uygulamaları için Geliştirilen Şerit Hat Beslemeli Yarık Antenlerden Oluşan Silindirik Dizinin Tasarımı ve Analizi**
Özcan M., Aydın Çivi H. Ö.
VIII. URSI-Türkiye'2016 Bilimsel Kongresi, Ankara, Turkey, 1 - 03 September 2016
- XV. **Yansıtılmalı Dizi Antenlerin Nümerik Çözümü için Verimli Bir Yöntem**
Erçil E., ALATAN L., AYDIN ÇİVİ H. Ö.
VIII. URSI-Türkiye'2016 Bilimsel Kongresi, Turkey, 1 - 03 September 2016
- XVI. **High Efficiency Loop Sleeve Monopole Antenna for Array Based UWB Microwave Imaging Systems**
Ojaroudi M., AYDIN ÇİVİ H. Ö.
IEEE-Antennas-and-Propagation-Society International Symposium, Fajardo, Puerto Rico, 26 June - 01 July 2016, pp.1781-1782
- XVII. **Design and Analysis of a Cylindrical Array of Stripline Fed Slot Antennas For On-Board Telemetry Applications**
Ozcan M., Aydın Çivi H. Ö.
IEEE-Antennas-and-Propagation-Society International Symposium, Fajardo, Puerto Rico, 26 June - 01 July 2016, pp.901-902
- XVIII. **Insertion Loss Variation in CSRR Transmitarray Unit Cells Employing the Element Rotation Method**
Erdil E., TOPALLI K., AYDIN ÇİVİ H. Ö.
10th European Conference on Antennas and Propagation (EUCAP), 10 - 15 April 2016
- XIX. **A Novel UWB Slot Antenna with a Self-Complementary Matching Network**
Ojaroudi M., AYDIN ÇİVİ H. Ö.
Loughborough Antennas & Propagation Conference (LAPC), Loughborough, United Kingdom, 2 - 03 November 2015

- XX. **Tunable Frequency Antenna Integrated with Microfluidic Channel**
Hosseini N., Esmailzad N. S. , AYDIN ÇİVİ H. Ö.
IEEE International Symposium on Antennas and Propagation / USNC/URSI National North American Radio Science Meeting, Vancouver, Canada, 19 - 24 July 2015, pp.2303-2304
- XXI. **Ka-Band Phased Array Antenna with Circular Rim**
Bayraktar O., Sevinc Y., AYDIN ÇİVİ H. Ö. , DEMİR Ş., KOÇ S. S.
IEEE International Symposium on Antennas and Propagation / USNC/URSI National North American Radio Science Meeting, Vancouver, Canada, 19 - 24 July 2015, pp.2479-2480
- XXII. **8 x 4 SIW Power Divider and Slotted Array Antenna**
Kiris O., Aydın Çivi H. Ö.
IEEE International Symposium on Antennas and Propagation / USNC/URSI National North American Radio Science Meeting, Vancouver, Canada, 19 - 24 July 2015, pp.482-483
- XXIII. **Fast Construction of the MoM Matrix for Reflectarrays through a Smart Tabulation**
Ercil E., ALATAN L., AYDIN ÇİVİ H. Ö.
IEEE International Symposium on Antennas and Propagation / USNC/URSI National North American Radio Science Meeting, Vancouver, Canada, 19 - 24 July 2015, pp.796-797
- XXIV. **Efficient Analysis of Reflectarrays through the Use of Characteristic Modes**
Ercil E., Alatan L., Civi O. A.
9th European Conference on Antennas and Propagation EuCAP, Lisbon, Portugal, 13 - 17 May 2015
- XXV. **Reconfigurable Reflectarrays: Design, Analysis and Fabrication**
AYDIN ÇİVİ H. Ö.
9th European Conference on Antennas and Propagation EuCAP, Lisbon, Portugal, 13 - 17 May 2015
- XXVI. **RF MEMS Based Millimeter Wave Phased Array for Short Range Communication**
Bayraktar O., Kobal E., Sevinc Y., Cetintepe C., Comart I., Demirel K., Topalli E. S. , Akın T., Demir Ş., Civi O. A.
9th European Conference on Antennas and Propagation EuCAP, Lisbon, Portugal, 13 - 17 May 2015
- XXVII. **Cylindrical Substrate Integrated Waveguide (CSIW) Slot Arrays with Uniform and Nonuniform Spacings**
Bayraktar O., AYDIN ÇİVİ H. Ö.
29th URSI General Assembly and Scientific Symposium (URSI GASS), Beijing, China, 16 - 23 August 2014
- XXVIII. **Microfluidic Reconfigurable Nested Split Ring-Regular Ring Transmitarray Unit Cell**
Erdil E., Topalli K., Esmailzad N. S. , Zorlu O., KÜLAH H., AYDIN ÇİVİ H. Ö.
29th URSI General Assembly and Scientific Symposium (URSI GASS), Beijing, China, 16 - 23 August 2014
- XXIX. **A Reconfigurable Nested Ring-Split Ring Transmitarray Unit Cell by Microfluidic Technology**
Erdil E., Topalli K., Esmailzad N. S. , Zorlu O., KÜLAH H., AYDIN ÇİVİ H. Ö.
8th European Conference on Antennas and Propagation (EuCAP), Hague, Netherlands, 6 - 11 April 2014, pp.124-127
- XXX. **Slot Array on Curved Substrate Integrated Waveguide**
Bayraktar O., AYDIN ÇİVİ H. Ö.
International Symposium of the IEEE-Antennas-and-Propagation-Society, Florida, United States Of America, 7 - 13 July 2013, pp.246-247
- XXXI. **A Fabrication Process Flow for Stacked Structural Layer Formation Using Au Au Thermocompression Bonding for RF MEMS Capacitive Switches**
Topalli E., Çetintepe Ç., Aydın Çivi H. Ö. , Demir Ş., Akın T.
14th Int. Symposium on RF-MEMS and RF-Microsystems, Potsdam, Germany, 1 - 03 July 2013
- XXXII. **A Reconfigurable Microfluidic Transmitarray Unit Cell**
Erdil E., Topalli K., Zorlu O., Toral T., YILDIRIM E., KÜLAH H., AYDIN ÇİVİ H. Ö.
7th European Conference on Antennas and Propagation (EuCAP), Gothenburg, Sweden, 8 - 12 April 2013, pp.2957-2960
- XXXIII. **A Reconfigurable Microfluidic Transmitarray Unit Cell**
Erdil E., Topalli K., Zorlu Ö., Toral T., YILDIRIM E., KÜLAH H., AYDIN ÇİVİ H. Ö.
7th European Conference on Antennas and Propagation, 8 - 12 April 2013

- XXXIV. **Slots on Cylindrical Substrate Integrated Waveguide**
Bayraktar O., AYDIN ÇİVİ H. Ö.
IEEE International Symposium on Antennas and Propagation, Illinois, United States Of America, 8 - 14 July 2012
- XXXV. **Reconfigurable antennas using RF-MEMS research in Turkey**
Civi O. A. , Demir Ş., Akın T.
2011 IEEE MTT-S International Microwave Symposium, IMS 2011, Baltimore, MD, United States Of America, 5 - 10 June 2011
- XXXVI. **35 GHz phased array antenna using DMTL phase shifters**
Guclu C., Cetintepe C., Civi O. A. , DEMİR Ş., AKIN T.
2010 10th Mediterranean Microwave Symposium, MMS 2010, Guzelyurt, Cyprus (Gkry), 25 - 27 August 2010, pp.114-117
- XXXVII. **X band High Power Ferrite Phase Shifter**
Altan H., AYDIN ÇİVİ H. Ö. , DEMİR Ş.
10th Mediterranean Microwave Symposium (MMS 2010), 25 - 27 August 2010
- XXXVIII. **RF MEMS Anahtarlı Ayarlanabilir Yansıtıcı Dizi Anteni**
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