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International Researcher IDs

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Publons / Web Of Science ResearcherID: J-5718-2019

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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, Department of Electrical and Electronics Engineering, 2010 - Continues

Associate Professor, Middle East Technical University, Faculty of Engineering, Department of Electrical and Electronics Engineering, 2008 - 2010

Assistant Professor, Middle East Technical University, Faculty Of Engineering, Department Of Electrical And Electronics Engineering, 1999 - 2007

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

Lecturer PhD, Middle East Technical University, Faculty Of Engineering, Department Of Electrical And Electronics Engineering, 1996 - 1997

Research Assistant, Middle East Technical University, Faculty Of Engineering, Department Of Electrical And Electronics Engineering, 1990 - 1996

Advising Theses

- Aydin Çivi H. Ö., DESIGN AND IMPLEMENTATION OF A RECONFIGURABLE INTELLIGENTSURFACE, Postgraduate, M.BARIŞ(Student), 2024
- Aydin Çivi H. Ö., Sub-6 GHZ 5G MIMO antenna, Postgraduate, A.BAYLAN(Student), 2023
- Aydin Çivi H. Ö., Alatan L., DESIGN OF A DECOUPLING NETWORK TO IMPROVE ISOLATION BETWEEN TWO PORTS OF MULTI-FUNCTIONAL ANTENNA, Postgraduate, M.TONGA(Student), 2022
- Aydin Çivi H. Ö., Development of an ultra wide band (UWB) array antenna, Postgraduate, H.AKIN(Student), 2022
- Aydin Çivi H. Ö., Ultra wideband tightly coupled reflectarray antenna, Postgraduate, M.KOLDAŞ(Student), 2022
- AYDIN ÇİVİ H. Ö., Efficient numerical analysis of periodic structures using the theory of characteristic modes, Doctorate, Y.HAYKIR(Student), 2022
- Aydin Çivi H. Ö., Alatan L., Pattern reconfigurable antenna designs in sub-6 Ghz band for 5G applications, Postgraduate, F.TURGAY(Student), 2021
- Aydin Çivi H. Ö., Development Of Multiband Microstrip Antennas For Gps Applications, Postgraduate, M.Caner(Student), 2019
- Aydin Çivi H. Ö., High power, gan, quarter-wave length switches for x-band applications, Postgraduate, D.İşinsu(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., An X-band electrical balance duplexer for in band full duplex communications, Postgraduate, O.MEMİOĞLU(Student), 2018
- AYDIN ÇİVİ H. Ö., Gan-based robust low-noise amplifier, Postgraduate, O.KAZAN(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., Development of K band microstrip patch antenna array for traffic radar, 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 K band microstrip patch antenna array for traffic radars, Postgraduate, A.Eda(Student), 2017
- 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., An investigation of beam scanning of arrays on cylindrical, conical and spherical surfaces, Postgraduate, Y.TAKAK(Student), 2015
- AYDIN ÇİVİ H. Ö., Development of a rectenna with a siw cavity backed slot antenna and a fabry-pêrot 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., Development of a rectenna with a siw cavity backed slot antenna and a Fabry-Pêrot 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
- AYDIN ÇİVİ H. Ö., ALATAN L., Efficient numerical analysis and design of reflectarray antennas, Doctorate, E.ERÇİL(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., AKIN T., Dual frequency reconfigurable reflectarray antenna of split ring elements with RF MEMS switches, Postgraduate, C.GÜÇLÜ(Student), 2010

DEMİR Ş., AYDIN ÇİVİ H. Ö., X-band high power ferrite phase shifters, Postgraduate, H.İLHAN(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., Analysis of slot coupled microstrip patch antennas, Postgraduate, E.BALLIKAYA(Student), 2007

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

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

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

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

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

Çivi Ö., Use of cylindrical array antennas to increase system capacity of cdma 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

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A compact pattern reconfigurable antenna employing shorted quarterwave patch antennas**
Çelik F. T., ALATAN L., AYDIN ÇİVİ H. Ö.
Turkish Journal of Electrical Engineering and Computer Sciences, vol.30, no.6, pp.2179-2189, 2022 (SCI-Expanded)
- II. **Effect of Symmetry on Insertion Loss in SRR and CSRR Transmitarray Unit Cells Implementing the Element Rotation Method**
ERDİL E., TOPALLI K., CİVİ O. A.
APPLIED COMPUTATIONAL ELECTROMAGNETICS SOCIETY JOURNAL, vol.33, no.8, pp.835-841, 2018 (SCI-Expanded)
- 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 (SCI-Expanded)
- IV. **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 (SCI-Expanded)
- V. **Reconfigurable Nested Ring-Split Ring Transmitarray Unit Cell Employing the Element Rotation Method by Microfluidics**
Erdil E., TOPALLI K., Esmaeilzad N. S., Zorlu O., KÜLAH H., AYDIN ÇİVİ H. Ö.
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, vol.63, no.3, pp.1164-1169, 2015 (SCI-Expanded)

- VI. **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., Akn T.
INTERNATIONAL JOURNAL OF MICROWAVE AND WIRELESS TECHNOLOGIES, vol.6, pp.473-480, 2014 (SCI-Expanded)
- VII. **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 (SCI-Expanded)
- VIII. **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 (SCI-Expanded)
- IX. **Beam Switching Reflectarray Monolithically Integrated With RF MEMS Switches**
Bayraktar O., Civi O. A., Akn T.
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, vol.60, pp.854-862, 2012 (SCI-Expanded)
- X. **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 (SCI-Expanded)
- XI. **Hybrid connection of RF MEMS and SMT components in an impedance tuner**
Unlu M., Topalli K., Atasoy H. I., Demir Ş., Civi O. A., Akn T.
AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS, vol.64, pp.748-756, 2010 (SCI-Expanded)
- XII. **Tunable dual-frequency RF MEMS rectangular slot ring antenna**
Topalli K., Erdil E., Civi O. A., Demir Ş., Koc S., Akn T.
SENSORS AND ACTUATORS A-PHYSICAL, vol.156, pp.373-380, 2009 (SCI-Expanded)
- XIII. **EMPIRICAL FORMULATION OF BRIDGE INDUCTANCE IN INDUCTIVELY TUNED RF MEMS SHUNT SWITCHES**
Topalli 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 (SCI-Expanded)
- XIV. **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 (SCI-Expanded)
- XV. **Effect of a carbon black surface treatment on the microwave properties of poly ethylene terephthalate carbon black composites**
Köysüren Ö., Yeşil S., BAYRAM G., SEÇMEN M., AYDIN ÇİVİ H. Ö.
Journal of Applied Polymer Science, vol.109, pp.152-159, 2008 (SCI-Expanded)
- XVI. **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 (SCI-Expanded)
- XVII. **A monolithic phased array using 3-bit distributed RF MEMS phase shifters**
Topalli K., Civi O. A., Demir Ş., Koc S., Akn T.
IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES, vol.56, pp.270-277, 2008 (SCI-Expanded)
- XVIII. **Frequency tunable microstrip patch antenna using RF MEMS technology**
Erdil E., Topalli K., Unlu M., Civi O. A., Akin T.
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, vol.55, pp.1193-1196, 2007 (SCI-Expanded)
- XIX. **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 (SCI-Expanded)
- XX. **New approach for modelling distributed MEMS transmission lines**
Topalli K., Unlu M., Demir Ş., Civi O., Koc S., Akin T.

- IEE PROCEEDINGS-MICROWAVES ANTENNAS AND PROPAGATION, vol.153, no.2, pp.152-162, 2006 (SCI-Expanded)
- XXI. **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 (SCI-Expanded)
- XXII. **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 (SCI-Expanded)
- XXIII. **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 (SCI-Expanded)
- XXIV. **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 (SCI-Expanded)
- XXV. **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 (SCI-Expanded)
- XXVI. **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 (SCI-Expanded)
- XXVII. **Near field scanning in the time domain on a spherical surface A formulation using the free space Green s function**
KOÇ S. S., Büyükdura M., AYDIN ÇİVİ H. Ö.
J. Acoust.Soc. Am, vol.110, pp.1778-1782, 2001 (SCI-Expanded)
- XXVIII. **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 (SCI-Expanded)
- XXIX. **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 (SCI-Expanded)
- XXX. **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 (SCI-Expanded)
- XXXI. **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 (SCI-Expanded)
- XXXII. **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 (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 (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 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **A Multi-Functional Reconfigurable Intelligent Surface with Integrated Sensing Capability**
Şahin M. B., Aydın Çivi H. Ö.
2024 IEEE International Symposium on Antennas and Propagation and INC/USNC-URSI Radio Science Meeting (AP-S/INC-USNC-URSI), Florence, Italy, 14 July 2024, pp.2567-2568
- II. **Highly Transparent and Efficient Flexible Antenna for Vehicle-to-Everything (V2X) Applications**
Eralp M. E., AYDIN ÇİVİ H. Ö., BAKTUR R.
18th European Conference on Antennas and Propagation, EuCAP 2024, Glasgow, England, 17 - 22 March 2024
- III. **Transparent Conductive Nanowire Antennas-Material Preparation, Characterization, and Notes on Antenna Design**
Eralp M. E., Cakir O., AYDIN ÇİVİ H. Ö., ÜNALAN H. E., Baktur R.
2024 IEEE International Symposium on Antennas and Propagation and INC/USNCURSI Radio Science Meeting, AP-S/INC-USNC-URSI 2024, Florence, Italy, 14 - 19 July 2024, pp.2701-2702
- IV. **Ultra Wide Band (UWB) Character of Wide Planar Monopoles and Their Potential Applications in Transparent Antenna Designs**
Baktur R., Eralp M. E., AYDIN ÇİVİ H. Ö.
2024 IEEE International Symposium on Antennas and Propagation and INC/USNCURSI Radio Science Meeting, AP-S/INC-USNC-URSI 2024, Florence, Italy, 14 - 19 July 2024, pp.1189-1190
- V. **Analysis and Improvement on the Gain of Optically Clear Silver Nanowire Patch Antenna**
Emre Eralp M., Baktur R., AYDIN ÇİVİ H. Ö.
2024 IEEE International Symposium on Antennas and Propagation and INC/USNCURSI Radio Science Meeting, AP-S/INC-USNC-URSI 2024, Florence, Italy, 14 - 19 July 2024, pp.2687-2688
- VI. **Elektromanyetik Bant Aralığı Yüzeyleri ile Geniş Bant Radar Kesit Alanı Azaltıcı Geliştirilmesi**
Eralp M. E., Aydın Çivi H. Ö.
URSI-TÜRKİYE 2023 XI. Bilimsel Kongresi, İstanbul, Turkey, 30 August 2023, pp.1-3
- VII. **6GHz-altı 5G Uygulamaları için MIMO Anten Dizisi Tasarımı**
Baylan A., Aydın Çivi H. Ö.
URSI-TÜRKİYE 2023 XI. Bilimsel Kongresi, İstanbul, Turkey, 30 August 2023, pp.1-3
- VIII. **Üst Üste Binen Dipol Kollu Sıkı Etkileşimli Geniş bant Dizi Anten**
Ceylan H. A., Aydın Çivi H. Ö.
URSI-TÜRKİYE 2023 XI. Bilimsel Kongresi, İstanbul, Turkey, 30 August 2023, pp.1-3
- IX. **Yeniden Ayarlanabilir Akıllı Yüzeyler için Birim Hücre Tasarımı**
Şahin M. B., Aydın Çivi H. Ö.
URSI-TÜRKİYE 2023 XI. Bilimsel Kongresi, İstanbul, Turkey, 30 August 2023, pp.1-3
- X. **5G Sub-6 GHz Bandında Işıma Diyagramları Değiştirilebilen Yama Anten Tasarımı**
Çelik F. T., Alatan L., Aydın Çivi H. Ö.
URSI-TÜRKİYE 2023 XI. Bilimsel Kongresi, İstanbul, Turkey, 30 August 2023, pp.1-3
- XI. **Improved Isolation Between Ports of MultiMode Antenna with a Reconfigurable Pattern by Decoupling Network**
Tonga M., Alatan L., Civi O. A.

- 17th European Conference on Antennas and Propagation, EuCAP 2023, Florence, Italy, 26 - 31 March 2023
- XII. **A Low-Cost, Stable, and Accurate Method for Electromagnetic Characterization of 3D Printing Filaments Using 3D-Printed Waveguides for Microwave Applications**
Eriş Ö., Aydın Çivi H. Ö., Ergül Ö. S.
2023 Photonics and Electromagnetics Research Symposium, PIERS 2023, Prague, Czech Republic, 3 - 06 July 2023, pp.2059-2067
- XIII. **A Pattern Reconfigurable Compact Antenna Structure Based on Shorted Microstrip Patches**
ÇELİK F. T., ALATAN L., Civi O. A.
16th European Conference on Antennas and Propagation (EuCAP), Madrid, Spain, 27 March - 01 April 2022
- XIV. **A Pattern Reconfigurable Multi-Mode Antenna Based on Circular Disk and Ring-Shaped Resonators**
Çelik F. T., Alatan L., Aydın Çivi H. Ö.
2022 IEEE International Symposium on Antennas and Propagation and USNC-URSI Radio Science Meeting, AP-S/URSI 2022, Colorado, United States Of America, 10 - 15 July 2022, pp.405-406
- XV. **Conical and Broadside Beam Switching Micromachined Antenna at 26GHz**
Berberoğlu A., Çelik F. T., Görgülü F., Civi O. A., Alatan L.
2022 IEEE International Symposium on Antennas and Propagation and USNC-URSI Radio Science Meeting, AP-S/URSI 2022, Colorado, United States Of America, 10 - 15 July 2022, pp.818-819
- XVI. Çelik F. T., Alatan L., Aydın Çivi H. Ö.
X. URSI Türkiye 2021 Bilimsel Kongresi, İstanbul, Turkey, 7 - 09 September 2021, pp.1-3
- XVII. **Additive Manufactured Matching Medium Design for Implant Communications**
Habiboglu O., Akgun S., Cil E., Aydın Çivi H. Ö., Dumanli S.
15th European Conference on Antennas and Propagation, EuCAP 2021, Düsseldorf, Germany, 22 - 26 March 2021
- XVIII. **Use of Characteristic Modes in the CBFM for the Analysis of Large Arrays**
Haykir Y., Civi O. A.
14th European Conference on Antennas and Propagation (EuCAP), Copenhagen, Denmark, 15 - 20 March 2020
- XIX. **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
- XX. **Characteristic Mode Analysis of Reflectarray Unit Cell**
Haykir Y., Aydın Çivi H. Ö.
12th European Conference on Antennas and Propagation (EuCAP 2018), London, United Kingdom, 9 - 13 April 2018, pp.1-4
- XXI. **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
- XXII. **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
- XXIII. **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
- XXIV. **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
- XXV. **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
- XXVI. **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

- XXVII. **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
- XXVIII. **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
- XXIX. **2 45 GHz Fabry Pérot FSY Anten**
Bozulu E., AYDIN ÇİVİ H. Ö.
VIII. URSI-Türkiye'2016 Bilimsel Kongresi, Turkey, 1 - 03 September 2016
- XXX. **Yansıtmalı 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
- XXXI. **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
- XXXII. **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
- XXXIII. **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
- XXXIV. **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
- XXXV. **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
- XXXVI. **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
- XXXVII. **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
- XXXVIII. **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
- XXXIX. **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

- XL. Reconfigurable Reflectarrays: Design, Analysis and Fabrication**
AYDIN ÇİVİ H. Ö.
9th European Conference on Antennas and Propagation EuCAP, Lisbon, Portugal, 13 - 17 May 2015
- XLII. 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., Akn T., Demir Ş., Civi O. A.
9th European Conference on Antennas and Propagation EuCAP, Lisbon, Portugal, 13 - 17 May 2015
- XLIII. 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
- XLIV. 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
- XLV. Microfluidic Reconfigurable Nested Split Ring-Regular Ring Transmitarray Unit Cell**
Erdil E., Topalli K., Esmaeilzad 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
- XLVI. A Reconfigurable Nested Ring-Split Ring Transmitarray Unit Cell by Microfluidic Technology**
Erdil E., Topalli K., Esmaeilzad 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
- XLVII. 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
- XLVIII. 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., Akn T.
14th Int. Symposium on RF-MEMS and RF-Microsystems, Potsdam, Germany, 1 - 03 July 2013
- XLIX. 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
- L. 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
- L. 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
- LI. Reconfigurable antennas using RF-MEMS research in Turkey**
Civi O. A., Demir Ş., Akn T.
2011 IEEE MTT-S International Microwave Symposium, IMS 2011, Baltimore, MD, United States Of America, 5 - 10 June 2011
- LII. A novel edge wall waveguide slot antenna**
Dogan D., AYDIN ÇİVİ H. Ö.
4th IEEE International Symposium on Phased Array Systems and Technology, Array 2010, Boston, MA, United States Of America, 12 - 15 October 2010, pp.453-456
- LIII. 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
- LIV. 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
- LIV. **RF MEMS Anahtarlı Ayarlanabilir Yansıtıcı Dizi Anteni**
BAYRAKTAR Ö., AYDIN ÇİVİ H. Ö., AKIN T.
URSI Türkiye 5. Bilimsel Kongresi, Turkey, 25 - 27 August 2010
- LVI. **Dual Frequency Reflectarray Cell Using Split-ring Elements with RF MEMS Switches**
Guclu C., Perruisseau-Carrier J., Civi O. A.
2010 IEEE International Symposium Antennas and Propagation/CNC-USNC/URSI Radio Science Meeting, Toronto, Canada, 11 - 17 July 2010
- LVII. **DFT-UTD Based MoM Approach for an Efficient Analysis of Scattering from Large, Finite Arrays in the Vicinity of Scattering Objects**
Cetin R., AYDIN ÇİVİ H. Ö., Nepa P.
2010 IEEE International Symposium Antennas and Propagation/CNC-USNC/URSI Radio Science Meeting, Toronto, Canada, 11 - 17 July 2010
- LVIII. **Beam Switching Reflectarray with MEMS Controls**
Bayraktar O., Civi O. A., Akin T.
4th European Conference on Antennas and Propagation (EuCAP), Barcelona, Spain, 12 - 16 April 2010
- LIX. **Edge Wall Slotted Waveguide Antenna with Low Cross Polarization**
Dogan D., Civi O. A.
2010 IEEE International Symposium Antennas and Propagation/CNC-USNC/URSI Radio Science Meeting, Toronto, Canada, 11 - 17 July 2010
- LX. **Electromagnetic Scattering from Obstacles in the Near Field Region of Electrically Large Arrays**
Cetin R., AYDIN ÇİVİ H. Ö., Nepa P., Manara G.
International Conference on Electromagnetics in Advanced Applications (ICEAA 2009), Torino, Italy, 14 - 18 September 2009, pp.678-679
- LXI. **Millimeter-Wave Frequency Reconfigurable Slot Dipole Array with Packaged RF-MEMS Switches**
Gokalp N., AYDIN ÇİVİ H. Ö.
3rd European Conference on Antennas and Propagation, Berlin, Germany, 23 - 27 March 2009, pp.1272-1274
- LXII. **Beam steerable traveling wave meander line antenna using varactor diode for X band applications**
Gokalp N., AYDIN ÇİVİ H. Ö.
2008 IEEE Antennas and Propagation Society International Symposium, San Diego, CA, 5 - 11 July 2008
- LXIII. **Beam Steerable Traveling Wave Meander Line Antenna Using Varactor Diode for X-Band Applications**
Gokalp N., Civi O. A.
IEEE Antennas-and-Propagation-Society International Symposium, California, United States Of America, 5 - 11 July 2008, pp.276-277
- LXIV. **Reconfigurable RF MEMS Devices and Antennas**
Kaan T., Ünlü M., İstanbulluoğlu İ., Atasoy H. İ., Bayraktar Ö., Aydın Çivi H. Ö., Demir Ş., Koç S. S., Akin T.
5th International Conference on Electrical and Electronics Engineering (ELECO 2007), Bursa, Turkey, 5 - 09 December 2007
- LXV. **An elliptically polarized axial-mode helical antenna with a conformal polarizer**
Secmen M., DEMİR Ş., Hizal A., AYDIN ÇİVİ H. Ö.
2nd European Conference on Antennas and Propagation, EuCAP 2007, Edinburgh, United Kingdom, 11 - 16 November 2007, vol.2007
- LXVI. **Monolithically Integrated MEMS Phased Array**
Topallı K., Aydın Çivi H. Ö., Demir Ş., Koç S. S., Akin T.
Proceedings of 8th International Symposium on RF MEMS and RF Microsystems, MEMSWAVE, Barcelona, Spain, 26 - 29 June 2007, pp.119-122
- LXVII. **Dual-frequency reconfigurable slot dipole array with a CPW-based feed network using RF MEMS technology for X- and Ka-band applications**
Topallı K., Civi Ö. A., Demir Ş., Koc S., Akin T.

2007 IEEE Antennas and Propagation Society International Symposium, AP-S, Honolulu, HI, United States Of America, 10 - 15 June 2007, pp.825-828

- LXVIII. **A monolithic phased array using 3-bit DMTL RF MEMS phase shifters**
Topalli K., Unlu M., AYDIN ÇİVİ H. Ö., DEMİR Ş., KOÇ S. S., AKIN T.
IEEE Antennas and Propagation Society International Symposium, APS 2006, Albuquerque, NM, United States Of America, 9 - 14 July 2006, pp.517-520
- LXIX. **RF MEMS Teknolojisi ile Tek Parça Faz Dizili Anten Yapisi**
TOPALLI K., ÜNLÜ M., AYDIN ÇİVİ H. Ö., DEMİR Ş., KOÇ S. S., AKIN T.
National URSI Symposium Turkey, Ankara, Turkey, 6 - 08 September 2006, pp.413-415
- LXX. **RF MEMS Kapasitörler ile Rezonans Frekansi Ayarlanabilen Antenler**
ERDİL E., TOPALLI K., ÜNLÜ M., AYDIN ÇİVİ H. Ö., AKIN T.
National URSI Symposium Turkey, Turkey, 6 - 08 September 2006, pp.404-406
- LXXI. **RF MEMS Teknolojisi ile Ayarlanabilir Empedans Uyumlama Devresi**
ÜNLÜ M., TOPALLI K., DEMİR Ş., AYDIN ÇİVİ H. Ö., KOÇ S. S., AKIN T.
National URSI Symposium Turkey, Ankara, Turkey, 6 - 08 September 2006, pp.407-409
- LXXII. **RF MEMS Teknolojisi Kullanılarak Tasarlanmış Ayarlanabilir Bant Geçiren Bağlanmış Hat Süzgeç**
İSTANBULLUOĞLU İ., TOPALLI K., TEMOÇİN E. U., ATASOY H. İ., ÜNLÜ M., BAYRAKTAR Ö., DEMİR Ş., AYDIN ÇİVİ H. Ö., KOÇ S. S., AKIN T.
National URSI Symposium Turkey, Ankara, Turkey, 6 - 08 September 2006, pp.416-418
- LXXIII. **TRL Kalibrasyonunda Uç Konumlandırması ve Geçişlerin Etkileri**
ATASOY H. İ., ÜNLÜ M., TOPALLI K., İSTANBULLUOĞLU İ., TEMOÇİN E. U., BAYRAKTAR Ö., DEMİR Ş., AYDIN ÇİVİ H. Ö., KOÇ S. S., AKIN T.
National URSI Symposium Turkey, Turkey, 6 - 08 September 2006, pp.426-428
- LXXIV. **RF MEMS Teknolojisi ile Kapasitif ve Metal Metal Bağlantılı Paralel Anahtar Yapıları**
ATASOY H. İ., TOPALLI K., ÜNLÜ M., İSTANBULLUOĞLU İ., ENGİN UFUK T., ÖMER B., DEMİR Ş., AYDIN ÇİVİ H. Ö., KOÇ S. S., AKIN T.
National URSI Symposium Turkey, Turkey, 6 - 08 September 2006, pp.410-412
- LXXV. **Esdüzlemsel Dalga Klavuzundan Mikroserit Hatta Geçiş Üzerine Çalışmalar**
TEMOÇİN E. U., TOPALLI K., ÜNLÜ M., İSTANBULLUOĞLU İ., ATASOY H. İ., BAYRAKTAR Ö., DEMİR Ş., AYDIN ÇİVİ H. Ö., KOÇ S. S., AKIN T.
National URSI Symposium Turkey, Ankara, Turkey, 6 - 08 September 2006, pp.448-450
- LXXVI. **RF MEMS Teknolojisi ile Yansıtıcı Dizi Anteni Tasarımı**
BAYRAKTAR Ö., TOPALLI K., ÜNLÜ M., İSTANBULLUOĞLU İ., ENGİN UFUK T., ATASOY H. İ., DEMİR Ş., AYDIN ÇİVİ H. Ö., KOÇ S. S., AKIN T.
National URSI Symposium Turkey, Ankara, Turkey, 6 - 08 September 2006, pp.438-440
- LXXVII. **A Reconfigurable RF MEMS Impedance Tuner for Impedance Matching of a Two Stage Low Noise Amplifier**
ÜNLÜ M., TOPALLI K., ATASOY H. İ., TEMOÇİN E. U., İSTANBULLUOĞLU İ., BAYRAKTAR Ö., DEMİR Ş., AYDIN ÇİVİ H. Ö., KOÇ S. S., AKIN T.
7th Workshop on MEMS for MilimeterWave Communications (MEMSWAVE), 27 - 30 June 2006
- LXXVIII. **Metal to metal and capacitive contact RF MEMS shunt switch structures**
ATASOY H. İ., TOPALLI K., ÜNLÜ M., İSTANBULLUOĞLU İ., TEMOÇİN E. U., BAYRAKTAR Ö., DEMİR Ş., AYDIN ÇİVİ H. Ö., KOÇ S. S., AKIN T.
7th Workshop on MEMS for MilimeterWave Communications (MEMSWAVE), 27 - 30 June 2006, pp.154-156
- LXXIX. **Reconfigurable slot antenna with fixed-fixed beam type RF MEMS capacitors**
Erdil E., Topalli K., Unlu M., Istanbuluoglu I., Temocin E. U., Atasoy H. I., Bayraktar O., AYDIN ÇİVİ H. Ö., DEMİR Ş., Koc S., et al.
European Conference on Antennas and Propagation: EuCAP 2006, Nice, France, 6 - 10 November 2006, vol.626 SP
- LXXX. **Reconfigurable reflectarray using RF MEMS technology**
Bayraktar O., Topalli K., Unlu M., Istanbuluoglu I., Temocin E. U., Atasoy H. I., AYDIN ÇİVİ H. Ö., DEMİR Ş., Koc S., AKIN T.

- European Conference on Antennas and Propagation: EuCAP 2006, Nice, France, 6 - 10 November 2006, vol.626 SP
- LXXXI. **A compact corporate probe fed antenna array**
Secmen M., DEMİR Ş., ALATAN L., AYDIN ÇİVİ H. Ö., Hizal A.
European Conference on Antennas and Propagation: EuCAP 2006, Nice, France, 6 - 10 November 2006, vol.626 SP
- LXXXII. **RF MEMS teknolojisi ile mikroserit ve esduzlemsel dalga kilavuzu hat ustunde paralel anahtar yapıları**
TOPALLI K., ÜNLÜ M., DEMİR Ş., AYDIN ÇİVİ H. Ö., KOÇ S. S., AKIN T.
National URSI Symposium Turkey, Turkey, 8 - 10 September 2004, pp.370-372
- LXXXIII. **Reconfigurable CPW-FED dual-frequency rectangular slot antenna using RF MEMS technology**
Erdil E., Topalli K., Civi O. A., Akin T.
2005 IEEE Antennas and Propagation Society International Symposium and USNC/URSI Meeting, Washington, United States Of America, 3 - 08 July 2005, pp.392-395
- LXXXIV. **Reconfigurable Antenna Structures Using MEMS Technology**
Erdil E., Onat S., Topalli K., İstanbulluoğlu İ., Ünlü M., Demir Ş., Aydın Çivi H. Ö., Alatan L., Koç S. S., Akin T.
6th Workshop on MEMS for MilimeterWave Communications (MEMSWAVE), Lausanne, Switzerland, 23 - 24 June 2005
- LXXXV. **A parametric modeling study on distributed MEMS transmission lines**
Unlu M., Topalli K., Demir Ş., Civi O., Koc S., Akin T.
Conference Proceedings- 34th European Microwave Conference, London, United Kingdom, 12 - 14 October 2004, vol.3, pp.1157-1160
- LXXXVI. **Siralanmis MEMS iletim hatlari icin yeni bir model**
ÜNLÜ M., TOPALLI K., DEMİR Ş., AYDIN ÇİVİ H. Ö., KOÇ S. S., AKIN T.
National URSI Symposium Turkey, Turkey, 8 - 10 September 2004, pp.435-437
- LXXXVII. **Design and Modeling of a Reconfigurable Triple Stub Impedance Matching Network using Distributed MEMS Transmission Lines**
ÜNLÜ M., TOPALLI K., DEMİR Ş., AYDIN ÇİVİ H. Ö., KOÇ S. S., AKIN T.
5th Workshop on MEMS for MilimeterWave Communications (MEMSWAVE), 30 June - 02 July 2004
- LXXXVIII. **Effects of array guided surface waves on radiation characteristics of a finite planar printed dipole array**
Civi O., Janpugdee P., Pathak P.
IEEE Antennas-and-Propagation-Society International Symposium, Monterrey, Mexico, 20 - 26 June 2004, pp.579-582
- LXXXIX. **A new model for distributed mems transmission lines**
Topalli K., Unlu M., Sagkol H., Demir Ş., Civi O., Koc S., Akin T.
IEEE Antennas and Propagation Society Symposium 2004 Digest held in Conjunction with: USNC/URSI National Radio Science Meeting, Monterey, CA, United States Of America, 20 - 25 June 2004, vol.3, pp.2855-2858
- XC. **RF MEMS Teknolojisi ile Mikrodalga Faz Kaydiricilari**
SAĞKOL H., ÜNLÜ M., TOPALLI K., AYDIN ÇİVİ H. Ö., DEMİR Ş., KOÇ S. S., AKIN T.
URSI-Türkiye'2002, Turkey, 18 - 20 September 2002, pp.138-141
- XCII. **Anten Uygulamaları için Yeni MEMS Anahtar Yapıları**
ÜNLÜ M., SAĞKOL H., TOPALLI K., AYDIN ÇİVİ H. Ö., DEMİR Ş., KOÇ S. S., AKIN T.
URSI-Türkiye'2002, Turkey, 18 - 20 September 2002, pp.146-149
- XCIII. **RF MEMS Teknolojisi ile Faz Dizili Anten**
TOPALLI K., SAĞKOL H., ÜNLÜ M., AYDIN ÇİVİ H. Ö., DEMİR Ş., KOÇ S. S., AKIN T.
URSI-Türkiye'2002, Turkey, 18 - 20 September 2002, pp.134-137
- XCIV. **RF MEMS Teknolojisi ile Ayarlanabilir Empedans Uyumlama ve Güç Bölücü Devreleri**
ÜNLÜ M., SAĞKOL H., TOPALLI K., AYDIN ÇİVİ H. Ö., DEMİR Ş., KOÇ S. S., AKIN T.
URSI-Türkiye'2002, Turkey, 18 - 20 September 2002, pp.142-145
- XCIV. **A monolithic phased array with RF MEMS technology**
Sagkol H., Topalli K., Unlu M., AYDIN ÇİVİ H. Ö., KOÇ S. S., DEMİR Ş., AKIN T.
2002 IEEE Antennas and Propagation Society International Symposium, San Antonio, TX, United States Of America,

16 - 21 June 2002, vol.4, pp.760-763

- XCIV. RF MEMS adjustable impedance matching network and adjustable power divider**
Unlu M., Topalli K., Sagkol H., DEMİR Ş., AYDIN ÇİVİ H. Ö., KOÇ S. S., AKIN T.
2002 IEEE Antennas and Propagation Society International Symposium, San Antonio, TX, United States Of America, 16 - 21 June 2002, vol.2, pp.26-29
- XCVI. New MEMS Swich Structures for Antenna Applications**
ÜNLÜ M., TOPALLI K., SAĞKOL H., DEMİR Ş., AYDIN ÇİVİ H. Ö., KOÇ S. S., AKIN T.
2002 IEEE AP-S International Symposium and USNC/URSI National Radio Science Meeting, 16 - 21 June 2002
- XCVII. Extension to a hybrid UTD-MoM approach for the efficient analysis of radiation/scattering from tapered array distributions**
Civi O., Pathak P., Chou H., Nepa P.
2000 IEEE Antennas-and-Propagation-Society International Symposium, Utah, United States Of America, 16 - 21 July 2000, pp.70-73
- XCVIII. An efficient hybrid UTD-MoM analysis of radiation/scattering from large truncated periodic arrays**
CiVi O., Pathak P., Chou H.
IEEE Antennas-and-Propagation-Society International Symposium on Antennas - Gateways to the Global Network, Georgia, United States Of America, 21 - 26 June 1998, pp.748-751
- XCIX. On the Poisson sum formula for analysis of EM radiation/scattering from large finite arrays**
CiVi O., Pathak P., Chou H.
IEEE Antennas-and-Propagation-Society International Symposium on Antennas - Gateways to the Global Network, Georgia, United States Of America, 21 - 26 June 1998, pp.752-755
- C. Microstrip patch antenna on magnetized cylindrical ferrite substrate**
Civi O., Hizal A.
IEEE Antennas-and-Propagation-Society International Symposium / North American Radio Science Meeting, Montreal, Canada, 13 - 18 July 1997, pp.1516-1519

Supported Projects

- Aydın Çivi H. Ö., Koç S. S., Company, 60 512 MHZ BANDINDA ANTEN GELİŞTİRİLMESİ, 2016 - 2020
- AYDIN ÇİVİ H. Ö., TUBITAK Project, X-Bant Radar Uygulamaları İçin Gan Tabanda Alıcı/Verici Tümlleşik Devreleri, 2015 - 2018
- Koç S. S., Orguner U., Candan Ç., Demir Ş., Aydın Çivi H. Ö., Kuzuoğlu M., Öktem S. F., Project Supported by Other Private Institutions, ÇAFRAD Projesi Teknoloji/Konsept Gösterim Fazı (ÇAFRAD FAZ-1) Projesi, 2014 - 2018
- Öktem S. F., Aydın Çivi H. Ö., Alatan L., Alatan A. A., Candan Ç., Ergül Ö. S., Koç S. S., Project Supported by Other Private Institutions, 3-boyutlu Güvenlik Görüntüleme Radarı Projesi - Elektromanyetik Modelleme, Simülasyon ve Çözüm Yöntemleri Geliştirilmesi, 2015 - 2017
- AYDIN ÇİVİ H. Ö., ERGÜL Ö. S., CANDAN Ç., ÖKTEM S. F., Project Supported by Other Private Institutions, ELEKTROMANYETİK MODELLEME SIMULASYON VE COZUM YONTEMLERİ, 2015 - 2017
- Aydın Çivi H. Ö., Project Supported by Other Private Institutions, Aviyonik Uygulamaları İçin Füze Üzerine Yerleştirilmiş Anten Tasarımları Projesi SAVUNMA SANAYİ İÇİN ARAŞTIRMACI YETİŞTİRME PROGRAMI SAYP PROTOKOLÜ ÇERÇEVESİNDE, 2013 - 2016
- DERİCİOĞLU A. F., AYDIN ÇİVİ H. Ö., Project Supported by Higher Education Institutions, BaHF Parçacık Takviyeli Polimer Matrisli Elektromanyetik Dalga Soğurucu Kompozitlerin Üretimi ve Karakterizasyonu, 2013 - 2013
- AYDIN ÇİVİ H. Ö., TUBITAK Project, Güvenlik Görüntüleme Uygulamaları İçin Frekans Taramalı Silindirik Substrat Tümlleşik Dalga Kılavuzu (Stdk) Yarık Dizi Anteni Geliştirilmesi, 2011 - 2013
- Aydın Çivi H. Ö., TÜBİTAK - AB COST Project, COST IC0603 ASSIST - Antenna Systems & Sensors for Information Society Technologies- Bilgi Toplumu Teknolojileri İçin Anten Sistemleri ve Algılayıcılar, 2007 - 2011
- Aydın Çivi H. Ö., TÜBİTAK International Bilateral Joint Cooperation Program Project, Analysis of the Radiation form Aperture printed Antennas in the Presence of periodic Structures Through Numerical Methods, 2008 - 2010
- AYDIN ÇİVİ H. Ö., TUBITAK Project, RF-MEMS Teknolojisi İle Faz Dizili Anten Yapımı, 2005 - 2010

Aydın Çivi H. Ö., Akın T., Koç S. S., Demir Ş., FP6 Project, AMICOM Advanced MEMS For RF and Millimeter Wave Communications Network of Excellence FP6, 2004 - 2007

Aydın Çivi H. Ö., TÜBİTAK - AB COST Project, COST 284 Innovative Antennas for Emerging Terrestrial and Space based Applications, 2003 - 2006

Akın T., Aydın Çivi H. Ö., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Design and production of novel multi-function reconfigurable antenna/antenna arrays by micromachining technology, 2003 - 2005

Patent

Aydın Çivi H. Ö., Yıldırım E., İnal M. E., Genis bantlı ve çok katmanlı radar sogurucular için hızlı ve doğru tasarım yöntemi, Patent, CHAPTER G Physics, The Invention Registration Number: TR 2014 12400 B , Standard Registration, 2018

Külah H., Aydın Çivi H. Ö., Yıldırım E., Erdil E., Zorlu Ö., Topallı K., PHASE SHIFTING METHOD FOR RECONFIGURABLE TRANSMIT ARRAYS AND REFLECTARRAYS AND A UNIT ELEMENT THEREOF, Patent, CHAPTER H Electricity, The Invention Registration Number: 2015 11895 , Standard Registration, 2016

Activities in Scientific Journals

IEEE ANTENNAS AND WIRELESS PROPAGATION LETTERS, Assistant Editor/Section Editor, 2023 - Continues

Ieee Transactions On Antennas And Propagation, Committee Member, 2010 - 2016

Memberships / Tasks in Scientific Organizations

European School of Antennas, Executive Board Member, 2010 - Continues

IEEE Antenna Propagation Society Special Interest Group on Humanitarian Technology, Member, 2021 - 2023, United States Of America

URSI Turkey National Committee , Vice President, 2012 - 2023, Turkey

IEEE Turkey Section, Chairman, 2006 - 2007

IEEE AP/MTT/ED/EMC Chapter , Chairman, 2004 - 2006

Scientific Refereeing

IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, SCI Journal, November 2023

IET MICROWAVES, ANTENNAS AND PROPAGATION, SCI Journal, November 2022

Horizon Europe Project, Horizon Europe Project, European Commission, Belgium, June 2022

IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, SCI Journal, September 2021

Project Supported by Public Organizations in Other Countries, Swiss National Science Foundation, Switzerland, June 2020

14th European Conference on Antennas and Propagation, Conference Paper (Full Text), December 2019

RADIO SCIENCE, SCI Journal, September 2019

IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, SCI Journal, August 2019

RADIO SCIENCE, SCI Journal, August 2019

IEEE ACCESS, SCI Journal, August 2019

IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, SCI Journal, July 2019

RADIO SCIENCE, SCI Journal, June 2019

RADIO SCIENCE, SCI Journal, April 2019

ELECTRONICS LETTERS, SCI Journal, February 2019

IEEE ANTENNAS AND WIRELESS PROPAGATION LETTERS, SCI Journal, November 2018

International Journal Of Antennas And Propagation, Journal Indexed in SCI-E, October 2018

Electronics Letters, SCI Journal, October 2018
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, SCI Journal, September 2018
IEEE ANTENNAS AND WIRELESS PROPAGATION LETTERS, SCI Journal, August 2018
ELECTRONICS LETTERS, National Scientific Refreed Journal, July 2018
Electronics Letters, SCI Journal, May 2018
IEEE Antennas And Wireless Propagation Letters, SCI Journal, May 2018
IEEE Antennas And Propagation Magazine, SCI Journal, May 2018
IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES, SCI Journal, April 2018

Scientific Consultations

Sekiza, Project Consultancy, Middle East Technical University, Faculty of Engineering, Department of Electrical and Electronics Engineering, Turkey, 2018 - 2020

Tasks In Event Organizations

Aydin Çivi H. Ö., XI. URSI-TR 2023 Scientific Congress, Scientific Congress, Turkey, Eylül 2023
Aydin Çivi H. Ö., IEEE International Symposium on Antennas and Propagation and USNC-URSI Radio Science Meeting, Scientific Congress, United States Of America, Temmuz 2023
Aydin Çivi H. Ö., Castañer M. S., 16th European Conference on Antennas and Propagation EuCAP2022, Scientific Congress, Madrid, Spain, Nisan 2022
Aydin Çivi H. Ö., 15th European Conference on Antennas and Propagation EuCAP 2021, Scientific Congress, Germany, Mart 2021
Aydin Çivi H. Ö., International Conference on Applied Electromagnetics and Communications, Scientific Congress, Croatia, Ekim 2019
Aydin Çivi H. Ö., Kabacik P., Zieniutycz W., 13th European Conference on Antennas and Propagation (EuCAP, Scientific Congress, Poland, Nisan 2019
Aydin Çivi H. Ö., Açıkgöz H., Altıntaş A., IX. URSI-TÜRKİYE BİLİMSEL KONGRESİ ULUSAL GENEL KURUL TOPLANTISI, Scientific Congress, Turkey, Eylül 2018
Aydin Çivi H. Ö., Altıntaş A., Ergül Ö. S., VIII. URSI-TÜRKİYE'2016 BİLİMSEL KONGRESİ ve ULUSAL GENEL KURUL TOPLANTISI, Scientific Congress, Turkey, Eylül 2016
Aydin Çivi H. Ö., Serbest A., Altıntaş A., XXX. URSI General Assembly and Scientific Symposium, Scientific Congress, İstanbul, Turkey, Ağustos 2011

Metrics

Publication: 135
Citation (WoS): 815
Citation (Scopus): 1084
H-Index (WoS): 13
H-Index (Scopus): 14

Congress and Symposium Activities

2015 Loughborough Antennas and Propagation Conference (LAPC), Invited Speaker, Nottingham, United Kingdom, 2015
European Conference on Antennas and Propagation -EUCAP 2015, Invited Speaker, Lisbon, Portugal, 2015