

Res. Asst. ÖZNUR KÜÇÜKSARI

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 2005 - 2014

Postgraduate, Yildiz Technical University, Mühendislik Fakültesi, Elektronik Ve Haberleşme Mühendisliği Pr., Turkey 2002 - 2005

Undergraduate, Yildiz Technical University, Mühendislik Fakültesi, Elektronik Ve Haberleşme Mühendisliği Pr., Turkey 1997 - 2001

Dissertations

Doctorate, Novel multi-band metamaterials in microwave region with applications in antennas, Orta Doğu Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Dr), 2014

Postgraduate, Optik dalga kılavuzlarında propagasyon özelliklerinin incelenmesi ve optik kuplör ile optik sensör analizi, Yıldız Teknik Üniversitesi, Mühendislik Fakültesi, Elektronik Ve Haberleşme Mühendisliği Pr., 2005

Research Areas

Engineering and Technology

Academic Titles / Tasks

Research Assistant PhD, Kocaeli University, Mühendislik Fakültesi, Mekatronik Mühendisliği, 2014 - Continues

Research Assistant, Middle East Technical University, Faculty Of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, 2005 - 2014

Expert, University of Arizona, College Of Engineering, Department Of Electrical And Computer Engineering, 2012 - 2013

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

- 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. **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)
- III. **Metamaterial absorber-based sensor embedded into X-band waveguide**
Sabah C., Turkmen-Kucuksari Ö., Turhan-Sayan G.

ELECTRONICS LETTERS, vol.50, no.15, pp.1075-1076, 2014 (Journal Indexed in SCI)

IV. SINGLE-, DUAL-, AND TRIPLE-BAND METAMATERIAL-INSPIRED ELECTRICALLY SMALL PLANAR MAGNETIC DIPOLE ANTENNAS

Turkmen Ö., SAYAN G., Ziolkowski R. W.

MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, vol.56, no.1, pp.83-87, 2014 (Journal Indexed in SCI)

V. Effects of using different boundary conditions and computational domain dimensions on modeling and simulations of periodic metamaterial arrays in microwave frequencies

Turkmen Ö., EKMEKÇİ E., Turhan-Sayan G.

INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING, vol.23, no.4, pp.459-465, 2013 (Journal Indexed in SCI)

VI. Nested U-ring resonators: a novel multi-band metamaterial design in microwave region

Turkmen Ö., Ekmekci E., Turhan-Sayan G.

IET MICROWAVES ANTENNAS & PROPAGATION, vol.6, no.10, pp.1102-1108, 2012 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

I. Metamalzeme Lensin Enine ve Boyuna Işıma Yapan Antenlerin Kazancı Üzerindeki Etkisinin Karşılaştırılması

KÜÇÜKSARI Ö.

Uluslararası Akademik Araştırmalar Kongresi (International Congress Of Academic Research), 16 - 18 September 2019

II. UWB Gain Improvement of End-Fire Antenna Using Metamaterial Lens

KÜÇÜKSARI Ö.

VI. Uluslararası Fen, Mühendislik ve Mimarlık Bilimlerinde Akademik Çalışmalar Sempozyumu, 13 - 15 June 2019

III. 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

IV. Metamaterial inspired, electrically small, GSM antenna with steerable radiation patterns and high radiation efficiency

KÜÇÜKSARI Ö., SAYAN G., Ziolkowski R. W.

IEEE AP-S International Symposium, Orlando, United States Of America, 7 - 13 July 2013, pp.770-771

V. Effects of Using Different Boundary Conditions and Computational Domain Dimensions on Modelling and Simulations of Metamaterial Arrays in Microwave Frequencies

KÜÇÜKSARI Ö., EKMEKÇİ E., SAYAN G.

12th Mediterranean Microwave Symposium (MMS 2012), 2 - 05 September 2012

VI. Effects of Having Dense Metamaterial Arrays on the Retrieved Parameter Results for Permittivity and Permeability

SAYAN G., KÜÇÜKSARI Ö.

" IEEE International Symposium on Antennas and Propagation and USNC-URSI National Radio Science Meeting, 8 - 14 July 2012

VII. Miniaturization of U-shaped multi-band metamaterial structures

KÜÇÜKSARI Ö., EKMEKÇİ E., SAYAN G.

2011 XXXth URSI General Assembly and Scientific Symposium, 13 - 20 August 2011

VIII. Parametric investigation of a new multi-band metamaterial design: U-shaped multiple ring magnetic resonators

KÜÇÜKSARI Ö., EKMEKÇİ E., SAYAN G.

2011 IEEE INTERNATIONAL SYMPOSIUM ON ANTENNAS AND PROPAGATION (APSURSI), Spokane, United States Of America, 3 - 08 July 2011, pp.1516-1518

IX. A New Multi-ring SRR Type Metamaterial Design with Multiple Magnetic Resonances

KÜÇÜKSARI Ö., EKMEKÇİ E., SAYAN G.

PIERS 2011 MARRAKESH: PROGRESS IN ELECTROMAGNETICS RESEARCH SYMPOSIUM, Marrakush, Morocco, 20 -
23 March 2011, pp.315-319

Citations

Total Citations (WOS):67

h-index (WOS):4