

Prof.Dr. ÇİĞDEM SEÇKİN GÜREL

Kişisel Bilgiler

E-posta: cigdem@hacettepe.edu.tr

Web: <https://avesis.hacettepe.edu.tr/cigdem>

Eğitim Bilgileri

Doktora, Hacettepe Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Türkiye 1995 - 2000

Araştırma Alanları

Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Doç.Dr., Hacettepe Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2005 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Response of magnetized plasma having linearly varying electron density profile to oblique electromagnetic wave incidence**
Kilic O., GÜREL Ç. S.
JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS, cilt.32, sa.16, ss.2046-2054, 2018 (SCI İndekslerine Giren Dergi)
- II. **Band-blocking optical filter including ultrathin metallic film**
GÜREL Ç. S. , Kilic O.
JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS, cilt.30, sa.18, ss.2484-2491, 2016 (SCI İndekslerine Giren Dergi)
- III. **Analysis of Annular Ring Microstrip Antenna with Air Gap and Uniaxial Substrate Superstrate Layers**
GÜREL Ç. S. , YAZGAN E.
WIRELESS PERSONAL COMMUNICATIONS, cilt.78, sa.2, ss.1249-1255, 2014 (SCI İndekslerine Giren Dergi)
- IV. **Resonant frequency of parallel plate type uniaxially anisotropic multilayered cylindrical dielectric resonator**
GÜREL Ç. S. , Yenilmez R.
INTERNATIONAL JOURNAL OF APPLIED ELECTROMAGNETICS AND MECHANICS, cilt.35, sa.2, ss.103-112, 2011 (SCI İndekslerine Giren Dergi)
- V. **RESONANCE IN MICROSTRIP RING RESONATOR WITH UNIAXIALLY ANISOTROPIC SUBSTRATE AND SUPERSTRATE LAYERS**
Gurel Ç. S. , Yazgan E.
JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS, cilt.24, ss.1135-1144, 2010 (SCI İndekslerine Giren Dergi)
- VI. **RESONANT FREQUENCY OF AIR GAP TUNED CIRCULAR MICROSTRIP ANTENNA WITH ANISOTROPIC SUBSTRATE AND SUPERSTRATE LAYERS**
Gurel Ç. S. , Yazgan E.

- JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS, cilt.24, sa.13, ss.1731-1740, 2010 (SCI İndekslerine Giren Dergi)
- VII. **ACCURATE RESONANT FREQUENCY COMPUTATION OF MULTISEGMENT RECTANGULAR DIELECTRIC RESONATOR ANTENNAS**
Gurel Ç. S. , Cosar H., Akalin O.
JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS, cilt.24, ss.839-847, 2010 (SCI İndekslerine Giren Dergi)
- VIII. **EFFICIENT METHOD FOR RESONANT FREQUENCY COMPUTATION OF RECTANGULAR DIELECTRIC RESONATOR ANTENNAS**
GÜREL Ç. S. , Cosar H.
MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, cilt.51, sa.7, ss.1706-1708, 2009 (SCI İndekslerine Giren Dergi)
- IX. **Frequency Selective Characteristics of a Plasma Layer with Sinusoidally Varying Electron Density Profile**
GÜREL Ç. S. , Oencue E.
JOURNAL OF INFRARED MILLIMETER AND TERAHERTZ WAVES, cilt.30, sa.6, ss.589-597, 2009 (SCI İndekslerine Giren Dergi)
- X. **Computation and optimization of resonant frequency and input impedance of a coax-fed circular patch microstrip antenna**
Gurel C. S. , Aydin E., Yazgan E.
MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, cilt.49, sa.9, ss.2263-2267, 2007 (SCI İndekslerine Giren Dergi)
- XI. **Beam steering characteristics of strip line fed printed array antenna on magnetized ferrite**
Akyunus M., Gurel Ç. S.
AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS, cilt.60, sa.2, ss.142-146, 2006 (SCI İndekslerine Giren Dergi)
- XII. **Characteristics of a circular patch microstrip antenna on uniaxially anisotropic substrate**
Gurel Ç. S. , Yazgan E.
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, cilt.52, sa.10, ss.2532-2537, 2004 (SCI İndekslerine Giren Dergi)
- XIII. **Compensation of superstrate effects on the resonant behavior of the microstrip ring structure by using an air-cap control**
Gurel Ç. S. , Yazgan E.
IEEE TRANSACTIONS ON ELECTROMAGNETIC COMPATIBILITY, cilt.43, sa.2, ss.219-223, 2001 (SCI İndekslerine Giren Dergi)
- XIV. **Resonant frequency of an air gap tuned circular disc microstrip antenna**
Gurel Ç. S. , Yazgan E.
INTERNATIONAL JOURNAL OF ELECTRONICS, cilt.87, sa.8, ss.973-979, 2000 (SCI İndekslerine Giren Dergi)
- XV. **New determination of dynamic permittivity and resonant frequency of tunable circular disk microstrip structures**
Gurel Ç. S. , Yazgan E.
INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING, cilt.10, sa.2, ss.120-126, 2000 (SCI İndekslerine Giren Dergi)
- XVI. **Simple determination of effective permittivity and resonant frequency of a microstrip ring antenna including air gap**
Gurel Ç. S. , Yazgan E.
AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS, cilt.54, sa.4, ss.238-240, 2000 (SCI İndekslerine Giren Dergi)
- XVII. **Modified cavity model to determine resonant frequency of tunable microstrip ring antenna**
Gurel Ç. S. , Yazgan E.
ELECTROMAGNETICS, cilt.19, sa.5, ss.443-455, 1999 (SCI İndekslerine Giren Dergi)

XVIII. Modified resonant frequency calculation for two-layered circular patch microstrip antenna

Gurel Ç. S. , Yazgan E.

AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS, cilt.53, sa.3, ss.155-157, 1999 (SCI İndekslerine Giren Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. Association of serotonin transporter gene (SLC6A4) polymorphisms with alcohol dependence in a Turkish population

KARACA O. R. , BABAOĞLU M. Ö. , YAŞAR Ü. , AYHAN Y. , GÜREL Ç. S. , DILBAZ N. , DEMİR B. , ULUG B. , Bozkurt A.

9th International Meeting of the International-Society-for-the-Study-of-Xenobiotics(ISSX), İstanbul, Türkiye, 4 - 08 Eylül 2010, cilt.42, ss.255-256

II. Antenna array pattern optimisation in the case of array element failure

Taskin A., Gurel Ç. S.

33rd European Microwave Conference, Munich, Almanya, 7 - 09 Ekim 2003, ss.1083-1085

III. The effects of. uniaxially anisotropic superstrate shielding on the resonant characteristics of circular microstrip patch

Gurel Ç. S. , Yazgan E.

IEEE International Symposium on Electromagnetic Compatibility (EMC), İstanbul, Türkiye, 11 - 16 Mayıs 2003, ss.935-937

Atıflar

Toplam Atıf Sayısı (WOS):119

h-indeksi (WOS):6