

## Lect. PhD ALPARSLAN ÇINAR



### Personal Information

Office Phone: [+90 242 618 6334](tel:+902426186334) Extension: 172

Office Phone: [+90 242 618 6335](tel:+902426186335) Extension: 172

Fax Phone: [+90 242 618 6336](tel:+902426186336)

Email: [alparslancinar@akdeniz.edu.tr](mailto:alparslancinar@akdeniz.edu.tr)

Web: <https://avesis.akdeniz.edu.tr/alparslancinar>

Address: Karyağdı Mahallesi Üniversite Caddesi No:155 07700 Elmalı/ANTALYA



### International Researcher IDs

ScholarID: UICa1VIAAAAJ

ORCID: 0000-0002-9113-6549

Publons / Web Of Science ResearcherID: I-5982-2017

ScopusID: 57193645025

Yoksis Researcher ID: 263688

### Education Information

Doctorate, Akdeniz University, Institute of Science, Institute of Science, Turkey 2017 - 2023

Postgraduate, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Elektronik Ve Haberleşme Mühendisliği Anabilim Dalı, Turkey 2015 - 2016

Undergraduate, Suleyman Demirel University, Mühendislik Fakültesi, Elektronik Ve Haberleşme Mühendisliği Bölümü, Turkey 2010 - 2014

### Biography

Alparslan Cinar received his B.Sc and M.sc degrees in Electronic and Communication Engineering from Suleyman Demirel University, Isparta, Turkey in 2014 and 2016, respectively. Also, he received his Ph.D. degree in Electrical and Electronics Engineering from Akdeniz University, Antalya, Turkey in 2023. He has served as a lecturer at Elmalı Vocational School, Akdeniz University since 2017. His research interests are metamaterials, antennas, sensors, absorbers, and microwaves.

### Foreign Languages

English, B1 Intermediate

### Certificates, Courses and Trainings

Education Management and Planning, 3rd International Mediterranean Science And Engineering Congress, Çukurova University, Congress Center, Adana/TURKEY, 2018

IT, CST Workshop Series 2015, CST – COMPUTER SIMULATION TECHNOLOGY, 2015

IT, VII. URSI-Türkiye 2014 Bilimsel Kongresi ve Ulusal Genel Kurulu Katılım Sertifikası, URSI-Türkiye Bilimsel Kongresi,

2014

Education Management and Planning, Diksiyon Belgesi, T.C. MEB Çıraklık ve Yaygın Eğitim Genel Müdürlüğü, 2011

Education Management and Planning, Arı Yetiştiriciliği Belgesi, T.C. MEB Çıraklık ve Yaygın Eğitim Genel Müdürlüğü, 2011

## Dissertations

Doctorate, Design of resonator based multi-band absorber and sensor applications, Akdeniz University, Institute of Science, Institute of Science, 2023

Postgraduate, Electromagnetic resonator based cereal humidity sensor design, fabrication and characterization, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Elektronik Ve Haberleşme Mühendisliği Anabilim Dalı, 2016

## Research Areas

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

## Academic Titles / Tasks

Lecturer, Akdeniz University, Elmalı Vocational School, Teknik Programlar Bölümü, 2017 - Continues

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

- I. **3D-Printed Sensor Design Based on Metamaterial Absorber for Characterization of Solid and Liquid Materials**  
Çınar A., Başaran S. C.  
SENSORS AND ACTUATORS, A: PHYSICAL, vol.368, pp.115166, 2024 (SCI-Expanded)
- II. **Textile-based quad-band electromagnetic absorber design for wearable applications**  
Çınar A., Başaran S. C.  
JOURNAL OF THE TEXTILE INSTITUTE, pp.1-6, 2023 (SCI-Expanded)
- III. **Dual-Band X-Shaped Absorber Design for Sensor Applications**  
Çınar A., Başaran S. C.  
INFORMACIJE MIDEM-JOURNAL OF MICROELECTRONICS ELECTRONIC COMPONENTS AND MATERIALS, no.3, pp.159-167, 2022 (SCI-Expanded)
- IV. **The use of metamaterial type double-sided resonator structures in humidity and concentration sensing applications**  
EKMEKÇİ E., Kose U., ÇINAR A., Ertan O., Ekmekci Z.  
SENSORS AND ACTUATORS A-PHYSICAL, vol.297, 2019 (SCI-Expanded)
- V. **Monochromatic Tuning of Absorption Strength Based on Angle-Dependent Closed-Ring Resonator-Type Metamaterial Absorber**  
Al-Badri K. S. L., Cinar A., Kose U., Ertan O., EKMEKÇİ E.  
IEEE ANTENNAS AND WIRELESS PROPAGATION LETTERS, vol.16, pp.1060-1063, 2017 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Dual-Band Frequency Absorber Based on Split-Ring Resonators for WiMAX and WLAN Bands**  
Çınar A., Başaran S. C.  
Avrupa Bilim ve Teknoloji Dergisi, vol.0, no.26, pp.151-154, 2021 (Peer-Reviewed Journal)

- II. **Electrical Size Reduction of Microstrip Antennas by Using Defected Ground Structures Composed of Complementary Split Ring Resonator**  
Kucukoner E. M., Cinar A., Kose U., EKMEKÇİ E.  
ADVANCED ELECTROMAGNETICS, vol.10, no.1, pp.62-69, 2021 (ESCI)
- III. **Band-stop filter design based on split ring resonators loaded on the microstrip transmission line for GSM-900 and 2.4 GHz ISM band**  
ÇINAR A., BİÇER S.  
International Advanced Researches and Engineering Journal, vol.4, no.1, pp.29-33, 2020 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Mikrodalga Bölgesinde Enerji Hasadı İçin Elektrik-LC Tabanlı Rezonatör Tasarımı**  
Çınar A., Biçer S.  
ELECO 2018, Elektrik-Elektronik ve Biyomedikal Mühendisliği Konferansı, Bursa, Turkey, 30 November - 01 December 2018, pp.276-278
- II. **A Compact Dual-Band Textile Antenna Design For Wearable Applications**  
Çınar A., Başaran S. C.  
3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), Adana, TÜRKİYE, Adana, Turkey, 24 - 26 October 2018, pp.937-939
- III. **CPW-Fed UWB Textile Antenna Design For Wearable Applications**  
Çınar A., Güneş G., Başaran S. C.  
3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), Adana, Turkey, 24 - 26 October 2018, pp.310-312
- IV. **Mikrodalga Bölgesinde Farklı Rezonatör Yapılarının Sensör Uygulamaları için Hassasiyet Analizi**  
ERTAN Ö., KÖSE U., ÇINAR A., EKMEKÇİ E.  
Elektrik-Elektronik ve Biyomedikal Mühendisliği Konferansı (ELECO 2016), Bursa, Turkey, 1 - 03 December 2016, pp.550-553
- V. **Ayrık Halkalı Rezonatör Tabanlı Dönme Sensörü Tasarımı ve Nümerik Olarak İncelenmesi**  
ÇINAR A., EKMEKÇİ E.  
8. URSI-Türkiye Bilimsel Kongresi, Ankara, Turkey, 1 - 03 September 2016
- VI. **Ayrık Halkalı Rezonatör Tabanlı Bağlaşım Değeri Ayarlanabilir Mikroşerit Yönlü Bağlaç Tasarımı ve Benzetimleri**  
ÇINAR A., KÖSE U., ERTAN Ö., KARACAN N., BAŞER C., EKMEKÇİ E.  
8. URSI-Türkiye Bilimsel Kongresi, Ankara, Turkey, 1 - 03 September 2016
- VII. **Sensitivity Analysis of Different Resonator Structure for Sensor Applications in Microwave Region**  
Ertan O., Kose U., Cinar A., EKMEKÇİ E.  
National Conference on Electrical, Electronics and Biomedical Engineering (ELECO), Bursa, Turkey, 1 - 03 December 2016, pp.550-553
- VIII. **Enine Kuplajlı ve AHR Tabanlı Anten Yapıları İçin Elektriksel Boyut ve Kazanç Analizi**  
EKMEKÇİ E., ÇINAR A., AYAN A., KORUCU H. D., DEMİR E.  
7. URSI-Türkiye Bilimsel Kongresi, Elazığ, Turkey, 28 - 30 August 2014, pp.379-381

## Supported Projects

TUBITAK Project, Mikrodalga ve Terahertz Bölgelerinde Metamalzeme Tabanlı Özgün Sensörler: Tasarım, Üretim Ve Çeşitli Sensör Uygulamalarında Kullanılması, 2014 - 2016

## Scientific Refereeing

## **Metrics**

Publication: 16

Citation (WoS): 48

Citation (Scopus): 64

H-Index (WoS): 2

H-Index (Scopus): 3

## **Congress and Symposium Activities**

2nd International Symposium on Characterization (ISC'22), Attendee, Afyonkarahisar, Turkey, 2022

3rd International Congress on Human-Computer Interaction, Optimization and Robotic Applications, Attendee, Artvin, Turkey, 2021

ELECO 2018, Elektrik-Elektronik ve Biyomedikal Mühendisliği Konferansı, Attendee, Bursa, Turkey, 2018

3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), Attendee, Adana, Turkey, 2018

8. URSI-Türkiye Bilimsel Kongresi, Attendee, Ankara, Turkey, 2016

CST Workshop Series 2015, Attendee, İstanbul, Turkey, 2015

7. URSI-Türkiye Bilimsel Kongresi, Attendee, Elazığ, Turkey, 2014