

## Assoc. Prof. ZEHRA CAN

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAZ-6211-2020

ScopusID: 55736001400

Yoksis Researcher ID: 2759

### Education Information

Doctorate, Istanbul University, Institute Of Graduate Studies In Sciences, Turkey 1988 - 1992

Postgraduate, Istanbul University, Institute Of Graduate Studies In Sciences, Fen Fakültesi Bölümü, Turkey 1985 - 1987

Undergraduate, Istanbul University, Faculty Of Science, Department Of Physics, Turkey 1981 - 1985

### Research Areas

Physics, Interdisciplinary Physics and Related Science and Technology Areas, Natural Sciences

### Academic Titles / Tasks

Associate Professor, Yildiz Technical University, Faculty Of Arts & Science, Department Of Physics, 2010 - Continues

### Academic and Administrative Experience

İntibak Komisyonu, Yildiz Technical University, Faculty Of Arts & Science, Department Of Physics, 2022 - Continues

YÖK AK KOMİSYONU, Yildiz Technical University, Faculty Of Arts & Science, Department Of Physics, 2022 - Continues

### Courses

YUKARI ATMOSFER FİZİĞİ 1, Postgraduate, 2024 - 2025, 2011 - 2012

Bitirme Çalışması, Undergraduate, 2021 - 2022

Fizikte Diferansiyel Denklemler, Undergraduate, 2021 - 2022

Undergraduate, 2021 - 2022

Fizik 2, Undergraduate, 2018 - 2019

Klasik Elektromanyetik Teori 1, Undergraduate, 2018 - 2019

Fizikte Kısmi Türevli Diferansiyel denklemler, Undergraduate, 2017 - 2018

Fizikte Matematik Yöntemler 1, Undergraduate, 2017 - 2018

Fizik 1, Undergraduate, 2017 - 2018

ELEKTROMAGNETİK TEORİ 1, Postgraduate, 2010 - 2011

FİZİKTE UYGULAMALI MATEMATİK METODLAR 1, Postgraduate, 2010 - 2011

## Supervised Theses

Can Z., THE EFFECT OF THE FORBUSH DECREASE ON THE SOUTH POLAR REGION TEMPERATURE DURING THE CME-INDUCED GEOMAGNETIC STORMS IN THE 24TH SOLAR CYCLE, Postgraduate, M.Dedeoğlu(Student), 2024

Can Z., ANALYSIS OF SPACE WEATHER PROCESSES DURING THE ASCENDING PHASE OF THE 25TH SOLAR CYCLE FROM AN IN-DEPTH PERSPECTIVE FROM EARTH, Postgraduate, H.Şafak(Student), 2024

Can Z., THE RESPONSE OF THE IONOSPHERE TO GEOMAGNETIC STORMS, Postgraduate, C.BAYHAN(Student), 2024

Can Z., Güneş Aktivitelerinin Manyetosfer İyonosfer Dinamiklerine Etkisi \*Bu tez çalışması TÜBİTAK 2210-C Öncelikli Alanlara Yönelik Yurtiçi Yüksek Lisans Bursu tarafından desteklenmiştir., Postgraduate, S.Güyer(Student), 2015

Can Z., İyonosferik Toplam Elektron İçeriği (TEC) Değişiminin Belirlenmesi, Postgraduate, O.ÜNVER(Student), 2010

Can Z., GPS ile Konum Belirlemede İyonosferik Etkilerin İncelenmesi, Postgraduate, O.Gümrukçü(Student), 2009

## Jury Memberships

Post Graduate, Post Graduate, İstanbul Üniversitesi, December, 2024

Post Graduate, Post Graduate, İstanbul Üniversitesi, December, 2024

Post Graduate, Post Graduate, İstanbul Üniversitesi, August, 2024

Doctoral Examination, Doctoral Examination, İstanbul Üniversitesi, June, 2022

Doctorate, Doctorate, Marmara Üniversitesi, July, 2021

Doctorate, Doctorate, İstanbul Üniversitesi, June, 2019

Doctorate, Doctorate, Yıldız Teknik Üniversitesi, November, 2018

## Designed Lessons

Can Z., Yukarı Atmosfer Fiziği 1, Postgraduate, 2010 - 2011

Can Z., Atmosfer Fiziği, Undergraduate, 2010 - 2011

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

- I. **Effect of Solar Parameters on Geomagnetic Storm Formation in the Ascending Phase of the 25th Solar Cycle**  
Can Z., Erdağ H. Ş.  
SOLAR PHYSICS, vol.300, no.20, pp.20-28, 2025 (SCI-Expanded)
- II. **Dirac constraint analysis and symplectic structure of anti-self-dual Yang-Mills equations**  
Camci U., Can Z., Nutku Y., Sucu Y., Yazici D.  
PRAMANA-JOURNAL OF PHYSICS, vol.67, pp.1043-1053, 2006 (SCI-Expanded)
- III. **Wavelet transforms of meteorological parameters and gravity waves**  
Can Z., Aslan Z., Oguz O., Siddiqi A.  
ANNALES GEOPHYSICAE, vol.23, pp.659-663, 2005 (SCI-Expanded)
- IV. **One-dimensional wavelet and reanalysis of gravity waves**  
Can Z., Aslan Z., Oğuz O.  
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.29, pp.33-42, 2004 (SCI-Expanded)
- V. **The variations of temperature, pressure and wind speed values: Effects on gravity waves**  
CAN Z., ASLAN Z., OĞUZ O.  
NUOVO CIMENTO DELLA SOCIETA ITALIANA DI FISICA C-GEOPHYSICS AND SPACE PHYSICS, vol.25, no.2, pp.137-

145, 2002 (SCI-Expanded)

**VI. Poincare-Lie algebra and noncommutative differential calculus**

Guven Z., Can Z., Mir-Kasimov R., Oguz O.

PHYSICS OF ATOMIC NUCLEI, vol.64, no.12, pp.2143-2145, 2001 (SCI-Expanded)

## Articles Published in Other Journals

- I. **A Case Study on Statistical Analysis of Geomagnetic Storm 3-5 August 2010**  
Can Z., Erdağ H. Ş.  
Physics and Astronomy Reports, vol.2, no.2, pp.83-87, 2024 (Peer-Reviewed Journal)
- II. **Calculation of Ionospheric Disturbances of Earthquakes in Europe with TEC Anomalies**  
Ökten M. B., Can Z., Aydın Ö. F., Dokur A., Aydın A.  
IEEE , no.978-1-6654-9986-6, pp.1-4, 2022 (Conference Book)
- III. **Disturbances during a geomagnetic storm: A case study on 7 October 2015**  
Erdag H. S., Can Z.  
ADVANCES IN ASTRONOMY AND SPACE PHYSICS, vol.12, no.1-2, 2022 (Peer-Reviewed Journal)
- IV. **The Ionospheric Refractivity Effects on the GPS Signals**  
Ünver O., Güyer S., Uzel T., Can Z.  
IEEE, vol.6581316, pp.779-782, 2013 (Peer-Reviewed Journal)
- V. **Analysis of Nao, Solar Flares and Sea-Level Changes**  
Can Z., Oğuz O., Aslan Z.  
INDIAN JOURNAL OF INDUSTRIAL AND APPLIED MATHEMATICS, vol.3, no.1, pp.73-95, 2012 (Peer-Reviewed Journal)
- VI. **INTERACTION OF GPS SIGNALS WITH IONOSPHERE**  
Can Z., Gümrükçü O.  
İstanbul Ticaret Üniversitesi Fen Bilimleri Dergisi, vol.8, no.15, pp.69-77, 2009 (Peer-Reviewed Journal)
- VII. **Orta Atmosferde Yatay Rüzgar Hızının Mevsimsel Değişimi ve Gravite Dalgaları Üzerindeki Etkileri**  
Can Z., Yazıcı D., Oğuz O., Aslan Z.  
İstanbul Ticaret Üniversitesi Dergisi, no.1, pp.253-264, 2002 (Peer-Reviewed Journal)
- VIII. **The VLF Wave Propagation in the Spherical Shell between the Earth and Ionosphere**  
CAN Z.  
YTÜ Dergisi, vol.1, no.2, pp.47-55, 1997 (Peer-Reviewed Journal)
- IX. **The Influence of Solar Flux X-Ray Events on VLF Propagation between Kandilli and Maladacline**  
CAN Z.  
İstanbul Üniversitesi Astronomi ve Fizik Dergisi, vol.58, pp.9-19, 1993 (Peer-Reviewed Journal)
- X. **The Investigation of Ionospheric Electron Density Variation Over İstanbul in 1986-1987**  
Can Z., Başar G., Bulat T.  
İstanbul Üniversitesi Astronomi ve Fizik Dergisi, vol.58, pp.49-64, 1993 (Peer-Reviewed Journal)

## Books

I. **Wavelet Analysis of Tropospheric and Lower Stratospheric Gravity Waves**

Can Z.

in: Mathematical Models and Methods for Real World Systems, K.M. Furati, Zuhair Nashed, Abul Hasan Siddiqi, Editor, CRC, New York, New-York, pp.211-224, 2006

## Refereed Congress / Symposium Publications in Proceedings

- I. **INVESTIGATION OF THE EFFECTS OF AN X8.2 CLASS SOLAR FLARE ON THE MARTIAN IONOSPHERE USING MAVEN SATELLITE DATA**  
Dokur A., Can Z.  
Turkish Physical Society 40th International Physics Congress, Muğla, Turkey, 2 - 06 September 2024, pp.190
- II. **The Effects of Gannon Geomagnetic Storms on the Mid- Latitude Ionosphere**  
Yege Y., Can Z.  
TURKISH PHYSICAL SOCIETY 40th INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 2 - 06 September 2024, pp.269
- III. **The Effect of Latitude and Season on the Ionosphere in Solar Eclipses**  
Aktaş E. N., Şahin Ö. İ., Can Z.  
2209 A/B Fen ve Matematik Öğrenci Çalıştayı , İstanbul, Turkey, 24 May 2024
- IV. **Ionospheric Disturbances Caused by Earthquakes Above M6 Research in the Mid-Latitude Region over Europe**  
Aydın Ö. F., Ökten M. B., Dokur A., Aydın A., Can Z.  
2209 A/B Fen ve Matematik Öğrenci Çalıştayı , İstanbul, Turkey, 24 May 2024
- V. **The Effect of Geomagnetic Storms Occurring in the Summer of 2005 on the Polar Ionosphere**  
Yege Y., Sönmez D., Akbal O. A., Can Z.  
2209 A/B Fen ve Matematik Öğrenci Çalıştayı , İstanbul, Turkey, 24 May 2024
- VI. **THE EFFECTS OF ATMOSPHERIC ESCAPES ON SPACE WEATHER DURING INTENSE GEOMAGNETIC STORMS**  
Erdağ H. Ş., Can Z.  
7. Ulusal Kutup Bilimleri Sempozyumu, İstanbul, Turkey, 4 - 05 December 2023, pp.7
- VII. **Behavior of Ionospheric Regions at Polar Latitude during the Partial Solar Eclipse of June 1, 2011**  
Aktaş E. N., Şahin Ö. İ., Ökten M. B., Can Z.  
7. ULUSAL KUTUP BİLİMLERİ SEMPOZYUMU, İstanbul, Turkey, 4 - 05 December 2023, pp.14
- VIII. **2005 Yılı Yaz ve Kış Aylarında Kuzey Kutup Bölgesinde İyonosferik Değişimin Konum Belirleme Sistemleri Üzerine Etkisinin Araştırılması**  
Sönmez D., Yege Y., Akbal O. A., Can Z.  
7. Ulusal Kutup Bilimleri Sempozyumu, İstanbul, Turkey, 4 - 05 December 2023, pp.14
- IX. **7. Evaluation of Ionospheric Tec Change Over Arctic Regions Through Gps and Ionosonde Data Using Python Programming**  
Ankara M. S., Aydın Ö. F., Can Z.  
7. ULUSAL KUTUP BİLİMLERİ SEMPOZYUMU, İstanbul, Turkey, 4 - 05 December 2023, pp.14
- X. **Kutup Bölgesi Üzerindeki İyonosferik TEC Değişimleri**  
Bayhan C., Can Z.  
7. Ulusal Kutup Bilimleri Sempozyumu, İstanbul, Turkey, 4 - 05 December 2023, pp.85-86
- XI. **The Impact of Forbush Decreases Resulting from Geomagnetic Storms During the 24th Solar Cycle on Surface Temperature in the Antartica Dome C Region**  
Dedeoğlu Öz M., Can Z.  
7. Ulusal Kutup Bilimleri Sempozyumu, İstanbul, Turkey, 4 - 05 December 2023, pp.6
- XII. **STATISTICAL STUDY OF EARTH MAGNETOSPHERIC DISTURBANCES CAUSED BY INTENSE SOLAR PLASMA**  
Erdağ H. Ş., Can Z.  
7th International Researchers, Statisticians, and Young Statisticians Congress, İstanbul, Turkey, 2 - 05 November 2023, pp.5
- XIII. **Radon Anomaly Effects on Atmosphere in Middle and Equatorial Latitudes**  
Akbal O. A., Yege Y., Sönmez D., Can Z.  
Turkish Physical Society 39th International Physics Congress,, Muğla, Turkey, 31 August - 04 September 2023, pp.125
- XIV. **The Response of the Ionosphere to Different Levels of Geomagnetic Storms of CME Origin**  
Bayhan C., Can Z.

Turkish Physical Society 39th International Physics Congress, Muğla, Turkey, 31 August - 04 September 2023, pp.180

- XV. **Ionospheric Responses of Partial Solar Eclipses at Mid-Latitudes**  
Şahin Ö. İ., Aktaş E. N., Ökten M. B., Can Z.  
Turkish Physical Society 39th International Physics Congress, Muğla, Turkey, 31 August - 04 September 2023, pp.240
- XVI. **Statistical Study on STEVE, HILDCAA and Two-Step Geomagnetic Storms on the 25th Solar Cycle**  
Erdağ H. Ş., Can Z.  
Turkish Physical Society 39th International Physics Congress,, Muğla, Turkey, 31 August - 04 September 2023, pp.234
- XVII. **A Model of the Auroral Electrojet Dynamics Based on Planetary K-Index**  
Ökten M. B., Can Z.  
URSI GASS 2023, Sapporo, Japan, 19 - 26 August 2023, pp.1-4
- XVIII. **A Novel Ionospheric Diagram for Understanding Ionospheric Characteristics and Behaviour**  
Ökten M. B., Can Z.  
United Nations Workshop on the International Space Weather Initiative: The Way Forward, Vienna, Austria, 26 - 30 June 2023, pp.56
- XIX. **Latitudinal Dependence of the Ionospheric Responses of a Total Solar Eclipse**  
Aktaş E. N., Şahin Ö. İ., Ökten M. B., Can Z.  
6. Ulusal Kutup Bilimleri Çalıştayı, Trabzon, Turkey, 30 November - 01 December 2022, pp.119
- XX. **March 7, 2016 and May 28, 2017 Ionospheric Storms Created By Geomagnetic Storms in Polar Regions**  
Bayhan C., Can Z.  
6. Ulusal Kutup Bilimleri Çalıştayı, Trabzon, Turkey, 30 November - 01 December 2022, pp.115
- XXI. **Auroral Effects on Ionospheric Conductivity**  
Ökten M. B., Can Z.  
6. Ulusal Kutup Bilimleri Çalıştayı, Trabzon, Turkey, 30 November - 01 December 2022, pp.123
- XXII. **Arktik Bölgeler Üzerindeki Yıllık İyonosferik TEC Değişimlerinin İncelenmesi**  
Aydın Ö. F., Can Z.  
6. Ulusal Kutup Bilimleri Çalıştayı, Trabzon, Turkey, 30 November - 01 December 2022, pp.112
- XXIII. **Comparison of the Feldstein-Starkov Auroral Oval Model with the Epsilon Parameter for Various Geomagnetic Storms**  
Ökten M. B., Can Z.  
18th European Space Weather Week, Zagreb, Croatia, 24 - 28 October 2022, pp.20
- XXIV. **Study of the Upper Layers of the Earth And Mars in the Process of Geomagnetic Storms**  
Erdağ H. Ş., Can Z.  
Turkish Physical Society 38 the International Physics Congress, Muğla, Turkey, 31 August - 04 September 2022, pp.233
- XXV. **Two-Step Geomagnetic Storms and Their Effects on Space Weather**  
Erdağ H. Ş., Can Z.  
Turkish Physical Society 38 the International Physics Congress, Muğla, Turkey, 31 August - 04 September 2022, pp.234
- XXVI. **Investigation of Ionospheric TEC Changes Over the Aegean Region**  
Aydın Ö. F., Ökten M. B., Can Z.  
Turkish Physical Society 38 the International Physics Congress, Muğla, Turkey, 31 August - 04 September 2022, pp.190
- XXVII. **July 16, 2017 Ionospheric Storms Formed in the Geomagnetic Storm Process**  
Bayhan C., Can Z.  
Turkish Physical Society 38 the International Physics Congress, Muğla, Turkey, 31 August - 04 September 2022, pp.180
- XXVIII. **Nonlinear Effects of Solar Eclipses on the Ionospheric F2 Region**

- Ökten M. B., Can Z.  
Turkish Physical Society 38 the International Physics Congress, Muğla, Turkey, 31 August - 04 September 2022, pp.188
- XXIX. **The Dependence of Ionospheric Peak Height of F2 Layer over Jang Bogo Station at Antarctica to Solar Zenith Angle During Southern Summer**  
Ökten M. B., Can Z.  
10th SCAR Open Science Conference, Haidarabad, India, 1 - 10 August 2022, pp.2
- XXX. **Ionospheric Response at Different Locations to the Compression of the Magnetopause During 14 January 2022 Geomagnetic Storm**  
Ökten M. B., Can Z.  
44th COSPAR Scientific Assembly 2022, Athens, Greece, 16 - 24 July 2022, pp.2-3
- XXXI. **Calculation of Ionospheric Disturbances of Earthquakes in Europe with TEC Anomalies**  
Ökten M. B., Aydın Ö. F., Aydın A., Dokur A., Can Z.  
3rd URSI Atlantic Radio Science Meeting AT-AP-RASC 2022 , Granada, Spain, 29 May - 03 June 2022, pp.1-2
- XXXII. **Latitudinal Variation of the Relationship of Ionospheric Slab Thickness with the Height of the Peak Electron Density of F2 Layer**  
Ökten M. B., Can Z.  
Space Weather Workshop 2022,UCAR/NOAA/NASA/NSF, Colorado, United States Of America, 26 - 28 April 2022, pp.17-18
- XXXIII. **Effect of June 1, 2011 Partial Solar Eclipse On Ionospheric TEC Change in the Arctic Regions**  
Ökten M. B., Aktaş E. N., Can Z.  
5. Ulusal Kutup Bilimleri Çalıştayı , Kocaeli, Turkey, 30 November - 01 December 2021, pp.20-21
- XXXIV. **Analysis of TEC Anomalies Caused by the 30 October 2020 Aegean Earthquake**  
Ökten M. B., Dokur A., Aydın A., Aydın Ö. F., Can Z.  
TURKISH PHYSICAL SOCIETY 37 th INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 1 - 05 September 2021, pp.140-141
- XXXV. **Effect of the Earth's Magnetosphere on the Lunar Wake**  
Ökten M. B., Can Z.  
URSI GASS2021, Rome, Italy, 28 August - 04 September 2021, pp.8
- XXXVI. **CALCULATION OF AURORAL OVAL LENGTH COMPONENTS OF THE GEOMAGNETIC STORM DATED 26 AUGUST 2018**  
Ökten M. B., Can Z.  
4. Ulusal Kutup Çalıştayı, Kocaeli, Turkey, 22 - 23 October 2020, pp.85-86
- XXXVII. **Lunar Effects on the Solar Wind Flow in the Nearby New Moon Phases at Earth's Magnetopause**  
Ökten M. B., Can Z.  
URSI GASS 2020, 29 August - 05 September 2020, pp.801
- XXXVIII. **Observation of Kinetic Alfvén Waves and Mirror Mode Structure by THEMIS in Central Plasma Sheet**  
Guyer S., Can Z.  
7th International Conference on Recent Advances in Space Technologies (RAST), İstanbul, Turkey, 16 - 19 June 2015, pp.509-513
- XXXIX. **SOLAR FLARE EFFECTS ON THE IONOSPHERE**  
Guyer S., Can Z.  
6th International Conference on Recent Advances in Space Technologies (RAST), İstanbul, Turkey, 12 - 14 June 2013, pp.729-733
- XL. **The Ionospheric Refractivity Effects on the GPS Signals**  
Unver O., Guyer S., Uzel T., CAN Z.  
6th International Conference on Recent Advances in Space Technologies (RAST), İstanbul, Turkey, 12 - 14 June 2013, pp.779-782
- XLI. **GPS Sinyal Yayılımında İyonosferik Etkiler**  
Gümrükçü O., Can Z.  
Turkish Physical Society 25th International Physical Congress, Muğla, Turkey, 25 - 29 August 2008, pp.337

- XLII. Wavelet Analysis of Air Pollution and Climate Variability**  
CAN Z., Tokgözlü A., Oğuz O., Aslan Z.  
International Workshop on Applications of Wavelets, 01 July 2005
- XLIII. Climatic Changing Effects on Hazelnut Production and Biomass Energy of Wasts**  
CAN Z., Oğuz O.  
AGRO ENVIRON, 01 October 2004
- XLIV. Wavelet Analysis of Tropospheric and Lower Stratospheric Gravity Waves**  
CAN Z., Aslan Z., Siddiqi A. H.  
ICIAM, 01 July 2003
- XLV. Quasi-Variational Wavelet Transforms of Meteorological Parameters and Gravity Waves**  
CAN Z., Oğuz O.  
ICIAM, 01 July 2003
- XLVI. The Very Low Frequency Waves and Their Interactions with the Environments**  
CAN Z., Aslan Z., Oğuz O.  
Agroenviron, 01 October 2002
- XLVII. Relativistic Quantum Mechanics and Non-Commutative Differential Calculus**  
CAN Z., Kasimov R., Oğuz O.  
XV International Seminer on High Energy Physics Problems, Relativistic Nuclear Physics and Quantum Chromodynamics, 01 April 2002
- XLVIII. Gravity Waves Induced Ionization Layers in The F Region Over İstanbul**  
Yazıcı D., Can Z., Aslan Z., Oğuz O.  
Geophysical Research Abstracts, Amsterdam, Netherlands, 07 July 1999, vol.1, no.3, pp.624
- XLIX. Gezici İyonosfer Bozuklukları ve Es Tabakası**  
OĞUZ O., YAZICI D., CAN Z.  
Türk Fizik Derneği, 17. Fizik Kongresi, Alanya, Turkey, 27 - 31 October 1998
- L. Changes of the Reflection Coefficient of the Ionosphere at Very Low Frequencies**  
CAN Z.  
URSI, 01 September 1990
- LI. Ionospheric TEC Model Derived from GPS Data**  
Ünver O., CAN Z., Bozkurt K., Kutlu K.
- LII. İyonosfer Yeryüzü Geçidinde Çok Alçak Frekanslı Elektromagnetik Dalgaların Yayılması**  
CAN Z.  
TFD
- LIII. Gravity Wave Induced Ionization Layers in the F Region Over İstanbul**  
Aslan Z., CAN Z., Yazıcı D.  
Geophysical Research
- LIV. Yüksek Frekans (HF) Bandında Elektromagnetik Dalgaların Uzak Mesafelere İyonosferden Yansıtılarak Gönderilmesi**  
Abacı G., CAN Z.  
Elektrik Mühendisliği II. Ulusal Kongresi
- LV. Investigation of interactions of GPS Signals with Ionosphere in Marmara Region**  
CAN Z., Bozkurt K., Elçin B., Oğuz O., Kutlu K.  
URSI

## Supported Projects

Can Z., Yege Y., Sönmez D., Akbal O. A., TUBITAK Project, İyonosferin GNSS Sistemleri Üzerine Etkisinin İyonosferi Etkileyen Farklı Faktörler Üzerinden Araştırılması, 2023 - 2024

Can Z., Aktaş E. N., Şahin Ö. İ., TUBITAK Project, Güneş Tutulmalarına Karşı İyonosferik Tepkilerin Enlemsel Ve Mevsimsel Bağımlılığı, 2023 - 2024

Can Z., Bayhan C., Project Supported by Higher Education Institutions, Response of the Ionosphere to Geomagnetic Storms, 2023 - 2024

Can Z., Ökten M. B., Aydın A., Aydın Ö. F., Dokur A., TÜBİTAK Project, 2010-2020 Yılları Arasında Türkiye ve Avrupa Kitası'nın Orta Enlem Bölgesinde Gerçekleşen M6 Üstü Depremlerin İyonosferik Etkilerinin Araştırılması, 2021 - 2022

Can Z., Dokur A., Aydın A., Ökten M. B., Aydın Ö. F., Project Supported by Other Official Institutions, KATAY, 2020 - 2021

Can Z., Bozkurt K., Oğuz O., Güral V. E., Gümrükçü O., Aslan Z., Bozkurt D., Akı F. N., Elçin B., Project Supported by Higher Education Institutions, Konum Belirlenmesinde Önemli Bir Rol Oynayan GPS Sinyallerinin İyonosferle Etkileşimi, 2007 - 2009

Yazıcı D., Kaya R., Can Z., Project Supported by Higher Education Institutions, Kütle çekim Dalgaları, 2000 - 2004

Bulat T., Can Z., Başar G., Project Supported by Other Official Institutions, İyonosferde Elektron Yoğunluğunun Yükseklik ve Zaman İçinde Değişiminin İncelenmesi, 1986 - 1988

## Memberships / Tasks in Scientific Organizations

Türk Fizik Derneği, Member, 1986 - Continues

## Scientific Refereeing

Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, National Scientific Refreed Journal, January 2024

Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, National Scientific Refreed Journal, November 2022

Turkish Journal Of Electrical Engineering And Computer Sciences, SCI Journal, December 2021

Advances in Space Research, SCI Journal, February 2016

RAST, SCI Journal, June 2015

6th. International Conference Recent Advances in Space Technologies, SCI Journal, April 2013

YTÜ SİGMA Mühendislik ve Fen Bilimleri Dergisi, National Scientific Refreed Journal, March 2006

## Tasks In Event Organizations

Can Z., RAST, Scientific Congress, İstanbul, Turkey, Haziran 2019

## Metrics

Publication: 73

Citation (WoS): 23

Citation (Scopus): 38

H-Index (WoS): 2

H-Index (Scopus): 3

## Awards

Ökten M. B., Can Z., Poster Sunumu Birincilik Ödülü, 6. Ulusal Kutup Bilimleri Çalıştayı, November 2022

Aktaş E. N., Şahin Ö. İ., Ökten M. B., Can Z., Poster Sunumu İkincilik Ödülü, 6. Ulusal Kutup Bilimleri Çalıştayı, November 2022