

Assoc. Prof. Selçuk Topal

Personal Information

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International Researcher IDs

ScholarID: DNjs4fAAAAAJ

ORCID: 0000-0003-2132-5632

Publons / Web Of Science ResearcherID: G-5658-2012

ScopusID: 55795917200

Yoksis Researcher ID: 257823

Education Information

2017 - 2021	Undergraduate, Anadolu University, Open Education Faculty, Department Of Philosophy, Turkey
2010 - 2016	Doctorate, University of Oxford, Department Of Physics, Sub-Department Of Astrophysics, Astrophysics, United Kingdom
2004 - 2006	Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Astrofizik, Turkey
2000 - 2004	Undergraduate, Ankara University, Fen Fakültesi, Astronomi Ve Uzay Bilimleri, Turkey

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

2023	Peer Review Excellence: IOP Training and Certification , Vocational Training, Institute of Physics Publishing
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Dissertations

2016	Probing Molecular Gas and its Physical Conditions in Disc Galaxies, University of Oxford, Department Of Physics, Astrophysics, Doctorate
2006	DELTA SCUTİ TÜRÜ DEĞİŞEN YILDIZLAR CC AND VE V350 PEG İN FOTOMETRİK ÖZELLİKLERİ, Ankara University, Fen Bilimleri Enstitüsü, Astrofizik, Postgraduate

Research Areas

Physics, Astronomy and Astrophysics, Star Systems, Interstellar Medium, The Galaxy, Galactic and Extragalactic Objects and Systems, Cosmology, Atomic and Molecular Physics, Atomic and Molecular Interactions, Natural Sciences

Academic Titles / Tasks

2022 - Continues	Associate Professor, Van Yüzüncü Yıl University, Fen Fakültesi, Fizik Bölümü
2018 - 2022	Assistant Professor, Van Yüzüncü Yıl University, Fen Fakültesi, Fizik Bölümü

2016 - 2018

Research Assistant PhD, Van Yüzüncü Yil University, Fen Fakültesi, Fizik Bölümü

Academic and Administrative Experience

2022 - Continues	Faculty Management Board Member, Van Yüzüncü Yil University, Fen Fakültesi, Fizik Bölümü
2019 - Continues	Head of Department, Van Yüzüncü Yil University, Fen Fakültesi, Fizik Bölümü
2017 - 2022	Deputy Director of the Center, Van Yüzüncü Yil University

Courses

2019 - 2020	Radio Astronomy Data Analysis, Postgraduate
2018 - 2019	Fizik II, Undergraduate
2018 - 2019	Astronomi, Undergraduate
2018 - 2019	Galaksiler, Postgraduate
2018 - 2019	Gelecek Uzayda, Undergraduate
2019 - 2020	Astronomi ve Astrofizik, Postgraduate
2018 - 2019	Fizik I, Undergraduate
2018 - 2019	FİZİK, Undergraduate
2017 - 2018	Astronomi, Undergraduate

Advising Theses

2022	Topal S., Postgraduate, G.YANIK(Student), NGC 3938 SARMAL GALAKSİSİNİN DİSKİNDEKİ GAZ VE TOZUN FİZİKSEL ÖZELLİKLERİNİN ARAŞTIRILMASI
2021	Topal S., Postgraduate, H.ESER(Student), AKTİF VE NORMAL GALAKSİLERDEKİ DEV MOLEKÜLER BULUTLARIN FİZİĞİNİN ARAŞTIRILMASI
2018	Topal S., Postgraduate, K.Osman(Student), Seçilen galaksilerdeki moleküler bulutların milimetre ve milimetre altı dalga boylarında incelenmesi

Jury Memberships

April 2024	Competition, 2204-B Ortaokul Öğrencileri Araştırma Projeleri - Bölge Finali Jürisi, TÜBİTAK
March 2024	Competition, 2204-B Ortaokul Öğrencileri Araştırma Projeleri Ön Değerlendirme Jürisi, TÜBİTAK
February 2024	Competition, 2204-A Lise Öğrencileri Araştırma Projeleri Ön Değerlendirme Jürisi, TÜBİTAK
May 2023	Competition, TÜBİTAK 2204-B Ortaokul Öğrencileri Araştırma Projeleri Ön Değerlendirme Jürisi, TÜBİTAK
May 2023	Competition, TÜBİTAK 2204-B Ortaokul Öğrencileri Araştırma Projeleri , TÜBİTAK
March 2023	Competition, TÜBİTAK 2204-A Lise Öğrencileri Araştırma Projeleri, TÜBİTAK
March 2022	Competition, TÜBİTAK 2204-A ve 2204-B Lise ve Ortaokul Öğrencileri Projeleri Yarışması, TÜBİTAK
December 2021	Award, Junior Chamber International Ten Outstanding Young People Türkiye'nin 10 Başarılı Genci yarışması, Junior Chamber International
March 2020	Competition, TÜBİTAK 2204 Ortaokul Öğrencileri Araştırma Projeleri, TÜBİTAK

Published journal articles indexed by SCI, SSCI, and AHCI

1. From Stellar Nurseries to Old Stellar Populations: A Multi-wavelength Case of NGC 1055

- Topal S.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.531, no.3, pp.3103-3117, 2024 (SCI-Expanded)
- II. **Down but Not Out: Properties of the Molecular Gas in the Stripped Virgo Cluster Early-type Galaxy NGC 4526**
Young L. M., Meier D. S., Crocker A., Davis T. A., Topal S.
ASTROPHYSICAL JOURNAL, vol.933, no.1, pp.90-109, 2022 (SCI-Expanded)
- III. **Molecular line ratio diagnostics and gas kinematics in the AGN host Seyfert galaxy NGC 5033**
Topal S.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.504, no.4, pp.5941-5953, 2021 (SCI-Expanded)
- IV. **The Evolution of NGC 7465 as Revealed by Its Molecular Gas Properties**
Young L. M., Meier D. S., Bureau M., Crocker A., Davis T. A., Topal S.
ASTROPHYSICAL JOURNAL, vol.909, no.2, 2021 (SCI-Expanded)
- V. **Molecular line ratio diagnostics along the radial cut and dusty ultraviolet-bright clumps in a spiral galaxy NGC 0628**
Topal S.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.495, no.3, pp.2682-2712, 2020 (SCI-Expanded)
- VI. **CO Tully-Fisher relation of star-forming galaxies at $z=0.05-0.3$**
Topal S., Bureau M., Tiley A. L., Davis T. A., Torii K.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.479, pp.3319-3334, 2018 (SCI-Expanded)
- VII. **Molecular gas kinematics and line diagnostics in early-type galaxies: NGC 4710 and NGC 5866**
Topal S., Bureau M., DAVIS T. A., Krips M., Young L. M., Crocker A. F.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.463, no.4, pp.4121-4152, 2016 (SCI-Expanded)
- VIII. **The Tully-Fisher relation of COLD GAS Galaxies**
Tiley A. L., Bureau M., Saintonge A., Topal S., Davis T. A., Torii K.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.461, no.4, pp.3494-3515, 2016 (SCI-Expanded)
- IX. **Molecular gas properties of the giant molecular cloud complexes in the arms and inter-arms of the spiral galaxy NGC 6946**
Topal S., Bayet E., Bureau M., DAVIS T. A., Walsh W.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.437, no.2, pp.1434-1455, 2014 (SCI-Expanded)
- X. **ISM chemistry in metal-rich environments: molecular tracers of metallicity**
DAVIS T. A., Bayet E., Crocker A., Topal S., Bureau M.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.433, no.2, pp.1659-1674, 2013 (SCI-Expanded)
- XI. **2005 Photometric observations and multiple frequencies of the delta Scuti variable V350 Peg**
Ekmekci F., Topal S.
ASTROPHYSICS AND SPACE SCIENCE, vol.321, no.2, pp.101-107, 2009 (SCI-Expanded)
- XII. **2005 Photometric observations and multiple frequencies of the delta Scuti variable CC And**
EKMEKCI F., Topal S.
NEW ASTRONOMY, vol.13, no.2, pp.118-123, 2008 (SCI-Expanded)

Articles Published in Other Journals

- I. **Probing the Physics of Molecular Clouds in Spiral Galaxies NGC 5055 and NGC 3627**
Sulu H. E., Topal S.
Yüzüncü Yıl Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.29, no.1, pp.97-108, 2024 (Peer-Reviewed Journal)
- II. **Correlations of gas, dust and young stellar populations in the spiral galaxy NGC 7331**
Topal S.
Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.24, no.1, pp.138-151, 2022 (Peer-Reviewed Journal)
- III. **Multiple-line study of molecular gas in spiral galaxy NGC 2903**
Topal S.
TURKISH JOURNAL OF PHYSICS, vol.42, no.6, pp.706-720, 2018 (Scopus)

- IV. **Delta Scuti Türü Değişen Yıldızlar CC And ve V350 Peg: 2005 Yılı Fotoelektrik Fotometri Gözlemleri**
EKMEKÇİ F., Topal S.
Cankaya Journal of Arts and Sciences, vol.6, pp.97-109, 2006 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **THE MOLECULAR GAS, DUST AND STELLAR POPULATION ACROSS THE DISK OF SPIRAL GALAXIES**
Topal S.
in: Physics Studies, Mehriban EMEK, Editor, İksad Yayınevi, Ankara, pp.43-65, 2021
- II. **MOLECULES IN THE UNIVERSE**
Topal S.
in: Physics Studies, Mehriban EMEK, Editor, İksad Yayınevi, Ankara, pp.3-42, 2021
- III. **Gelecek Uzayda: İnsanlığın Kozmik Yolculuğu**
Topal S.
in: Genetikten Kuantuma - Genç Bilimcilerimiz Anlatıyor, Dr. Emre Eren Korkmaz, Dr. Erdiñ Sezgin, Editor, Siyah Kitap, İstanbul, pp.345-363, 2021
- IV. **Kaostan Kozmosa Evrenin Hikayesi**
Topal S.
Destek Yayınları, İstanbul, 2020

Refereed Congress / Symposium Publications in Proceedings

- I. **PROBING THE PHYSICS OF GAS, DUST AND STELLAR POPULATIONS ACROSS THE DISC OF THE NEARBY SPIRAL GALAXY NGC3938**
Yanık G., Topal S.
ISPEC INTERNATIONAL CONGRESS ON MULTIDISCIPLINARY STUDIES, Adana, Turkey, 12 - 13 November 2021, pp.620
- II. **PROBING THE PHYSICS OF THE INTERSTELLAR MEDIUM IN SPIRAL GALAXIES FROM DIFFERENT ACTIVITY TYPES**
Eser Sulu H., Topal S.
11th INTERNATIONAL CONFERENCE ON ENGINEERING and NATURAL SCIENCES, Muş, Turkey, 18 - 19 September 2021, pp.176
- III. **SARMAL GALAKSİ DİSKİ BOYUNCA GAZ, TOZ VE YILDIZ POPÜLASYONLARI ARASINDAKİ İLİŞKİNİN ARAŞTIRILMASI**
Topal S.
ISPEC ULUSAL BİLİMSEL ARAŞTIRMALAR KONGRESİ , Adana, Turkey, 7 - 08 September 2021, pp.1
- IV. **PROBING THE $12\text{CO}(1-0)/13\text{CO}(1-0)$ LINE RATIOS, MOLECULAR GAS MASS AND GAS KINEMATICS ACROSS THE DISC OF THE SPIRAL GALAXY NGC 5248**
Topal S.
ISPEC 10th INTERNATIONAL CONFERENCE ON ENGINEERING & NATURAL SCIENCES, Siirt, Turkey, 16 - 18 May 2021, pp.100-101
- V. **THE PHYSICS AND KINEMATICS OF MOLECULAR GAS IN THE SPIRAL GALAXY NGC 3521**
Topal S.
5th International Engineering and Natural Sciences Conference (IENSC 2020), 5 - 06 November 2020, pp.51-52
- VI. **Physical properties of the gas and dust across the disc of a nearby spiral galaxy NGC 3556**
Topal S.
2ND INTERNATIONAL EURASIAN CONFERENCE ON SCIENCE, ENGINEERING AND TECHNOLOGY, 7 - 09 October 2020, pp.242
- VII. **TÜRKİYE ULUSAL RADYO ASTRONOMİ GÖZLEM EVİ (TURAG): TÜRKİYE İÇİN RADYO TELESKOP**

Öztürk F., Küçük İ., Yıldız U., TOPAL S., BEKLEN BARTO E., Ergin T.

19. Ulusal Astronomi Kongresi - UAK 2015, Ankara, Turkey, 2 - 06 February 2015

- VIII. **The Physics of Molecular Gas in the Centre of Spiral Galaxy NGC 5033**
Topal S.
3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), Adana, Turkey, 24 - 26 October 2018, pp.871
- IX. **A Multi-line Study of the Gas in the Centre of Spiral Galaxy NGC 2903**
Topal S.
3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), Adana, Turkey, 24 - 26 October 2018, pp.872
- X. **Observations of Molecular Gas in the Arms and Inter-arms of NGC 0628**
Topal S.
International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 - 27 October 2017, pp.1061
- XI. **Carbon Monoxide Along the Disc of Spiral Galaxy NGC 0628**
Topal S.
International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 - 27 October 2017, pp.1667
- XII. **Line Ratio Diagnostics Along the Disc of Two Edge-on Lenticular Galaxies, NGC 4710 and NGC 5866**
Topal S., BUREAU M., DAVIS T. A., YOUNG L., Krips M.
225th Meeting of the American Astronomical Society, Seattle, United States Of America, 4 - 08 January 2015, pp.1
- XIII. **A search for gamma-ray burst remnant candidate in spiral galaxy M101**
SONBAŞ DHUGA E., AKYÜZ A., TOPAL S., Temiz U.
European Week of Astronomy and Space Science - Deaths of massive stars as supernovae and gamma-ray bursts - Symposium 8, Turku, Finland, 8 - 12 July 2013, pp.67
- XIV. **A new CO Survey of the Nearby Galaxies with NANTEN2**
TORII K., YOSHIKE S., BUREAU M., Topal S., FUKUI Y.
National Astronomy Meeting (NAM), St. Andrews, United Kingdom, 1 - 05 July 2013, pp.1
- XV. **Physical Conditions of Molecular Gas in Nearby Disk Galaxies**
Topal S., BAYET E., BUREAU M., WALSH W., DAVIS T. A.
National Astronomy Meeting (NAM), St. Andrews, United Kingdom, 1 - 05 July 2013, pp.1
- XVI. **TÜRKİYE'NİN ESO ÜYELİK YOLCULUĞU**
Yıldız U., SOLMAZ A., ÖNAL TAŞ Ö., Mirahmetoğlu H., SAYGAÇ A. T., Güneş M., Yıldız M., Özyar Ü., Şahin Ö., Tuğral R., et al.
18. Ulusal Astronomi Kongresi - UAK 2012, Malatya, Turkey, 27 August - 01 September 2012, pp.415-422
- XVII. **ULUSAL RADYOTELESKOP PROJESİ**
Yıldız U., Küçük İ., Öztürk F., TOPAL S., Akgiray A., BEKLEN BARTO E., Gürkan Uygun G., Ünal O., ERGİN T.
18. Ulusal Astronomi Kongresi - UAK 2012, Malatya, Turkey, 27 August - 01 September 2012, pp.409-413
- XVIII. **Disk Galaksilerde Moleküler Gaz Gözlem ve Analizi**
Topal S., Bureau M., BAYET E., DAVIS T., WALSH W.
XVIII. Ulusal Astronomi Kongresi, Malatya, Turkey, 27 August - 01 September 2012, pp.469-475
- XIX. **Ulusal Radyo Teleskop Projesi**
YILDIZ U., KÜÇÜK İ., ÖZTÜRK F., Topal S., AKGİRAY A., BEKLEN E., GÜRKAN UYGUN G., ÜNAL O., ERGİN T.
XVIII. Ulusal Astronomi Kongresi, Malatya, Turkey, 27 August - 01 September 2012, no.1, pp.409-413
- XX. **Revealing the Physical Properties of GMC Complexes in the Spiral Arms of NGC 6946**
Topal S., BAYET E., BUREAU M., WALSH W., DAVIS T. A.
The XXVIIIth General Assembly of the International Astronomical Union, Pekin, China, 20 - 31 August 2012, pp.163
- XXI. **12CO lines and LVG Model: NGC6946**
Topal S., BAYET E., BUREAU M.
National Astronomy Meeting (NAM), Llandudno, United Kingdom, 17 - 21 April 2011, pp.1
- XXII. **CC AND ve V350 Peg'in 2005 Yılı Fotometrik Gözlemleri**

Supported Projects

2024 - 2025	TÜBİTAK 2219 - The Spatially-resolved Physical Properties of Molecular Clouds in External Galaxies, TÜBİTAK Project
2018 - 2019	Bilim Doğudan Yükselir-Edremit Bilimle Buluşuyor, TÜBİTAK Project
2018 - 2019	Mikrodan Makroya Dünyamız ve Evren, Project Supported by Other Official Institutions
2018 - 2019	Öğretmen Adayları Üzerinde Uygulamalı FeTeMM (STEM) Eğitimi, Project Supported by Higher Education Institutions
2018 - 2018	Akdenizde El Ele, Gökyüzünü Keşfetmeye, TÜBİTAK Project
2017 - 2018	NGC0628 Galaksisindeki Yıldız Oluşum Bölgelerinin Fiziksel Analizi ve Galaksilerde Kara Delik Kütleli ve CO gazı Çizgi Genişliği Arasındaki İlişki, Project Supported by Higher Education Institutions
2017 - 2017	AYDA GÖZLEMEVİ, Project Supported by Other Official Institutions

Activities in Scientific Journals

2022 - Continues	Yüzüncü Yıl Üniversitesi Fen Bilimleri Enstitüsü Dergisi, Editor
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Memberships / Tasks in Scientific Organizations

2023 - Continues	National Astronomical Observatories of Türkiye, Board Member
2022 - Continues	TÜBİTAK Ulusal Gözlemevi, Board Member
2019 - Continues	European Astronomical Society (EAS), Member
2018 - Continues	International Astronomical Union, Member
2014 - Continues	The Royal Astronomical Society, Member
2014 - Continues	Türk Astronomi Derneği, Member
2008 - 2017	Türk Bilişim Derneği, Member
2012 - 2016	American Astronomical Society, Member

Scientific Refereeing

August 2024	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, SCI Journal
April 2024	TÜBİTAK Project, 4008 Support Program for Inclusive Community Applications for Individuals with Special Needs, TÜBİTAK, Turkey
February 2024	TÜBİTAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Van Yüzüncü Yıl University, Turkey
January 2024	TÜBİTAK Project, 1002 - Quick Support Program, Van Yüzüncü Yıl University, Turkey
October 2023	Project Supported by Higher Education Institutions, BAP Research Project, Van Yüzüncü Yıl University, Turkey
June 2023	Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, Other Indexed Journal
January 2023	TÜBİTAK Project, 1002 - Quick Support Program, Van Yüzüncü Yıl University, Turkey
September 2022	TÜBİTAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Van Yüzüncü Yıl University, Turkey
June 2022	TÜBİTAK Project, 1002 - Quick Support Program, Van Yüzüncü Yıl University, Turkey

December 2020	TÜBİTAK International Bilateral Joint Cooperation Program Project, Russian Foundation for Basic Research, RFBR Bilateral Cooperation Program, TÜBİTAK, Turkey
September 2020	TUBİTAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, TÜBİTAK, Turkey
February 2020	TUBİTAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, TÜBİTAK, Turkey
July 2017	Project Supported by Higher Education Institutions, BAP Research Project, Istanbul University, Turkey

Scientific Consultations

2018 - 2019	Project Consultancy, Edremit Kaymakamlığı
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Metrics

Publication: 43
Citation (WoS): 73
Citation (Scopus): 70
H-Index (WoS): 6
H-Index (Scopus): 6

Congress and Symposium Activities

2021	INTERNATIONAL CONGRESS ON MULTIDISCIPLINARY STUDIES , Moderator, Adana, Turkey
2021	ISPEC INTERNATIONAL CONGRESS ON MULTIDISCIPLINARY STUDIES, Attendee, Adana, Turkey
2021	11th INTERNATIONAL CONFERENCE ON ENGINEERING and NATURAL SCIENCES, Attendee, Muş, Turkey
2021	ISPEC ULUSAL BİLİMSEL ARAŞTIRMALAR KONGRESİ , Attendee, Adana, Turkey
2021	ISPEC 10th INTERNATIONAL CONFERENCE ON ENGINEERING & NATURAL SCIENCES , Moderator, Siirt, Turkey
2021	ISPEC 10th INTERNATIONAL CONFERENCE ON ENGINEERING & NATURAL SCIENCES, Attendee, Siirt, Turkey
2021	International Congress of Engineering and Natural Sciences Studies, Attendee, Ankara, Turkey
2020	5th International Engineering and Natural Sciences Conference (IENSC 2020), Attendee, Diyarbakır, Turkey
2019	22. TÜBİTAK Ulusal Gökyüzü Gözlem Şenliği, Invited Speaker, Antalya, Turkey
2019	Yıldız Teknik Üniversitesi 14. İLTEK Günleri, Moderator, İstanbul, Turkey
2018	3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), Attendee, Adana, Turkey
2018	21. TÜBİTAK Ulusal Gökyüzü Gözlem Şenliği, Invited Speaker, Antalya, Turkey
2018	Yıldız Teknik Üniversitesi IEEE 13. İLTEK Günleri, Invited Speaker, İstanbul, Turkey
2017	Anadolu Üniversitesi IEEE Anadolu Bilim Günleri, Invited Speaker, Eskişehir, Turkey
2017	III. International Turkish Congress on Molecular Spectroscopy, Session Moderator, Muğla, Turkey
2017	Amasya Üniversitesi Teknoloji Zirvesi, Invited Speaker, Amasya, Turkey
2016	20 .Ulusal Astronomi Kongresi, Invited Speaker, Erzurum, Turkey
2016	19. TÜBİTAK Ulusal Gökyüzü Gözlem Şenliği, Invited Speaker, Antalya, Turkey
2016	Karabük Üniversitesi 7. Uluslararası Bilim Günleri, Invited Speaker, Karabük, Turkey

Invited Talks

August 2022	Gelecek Uzayda - Geçmişten Geleceğe Uzay, Seminar, TÜBİTAK 4004 - Pencereimde Dünya Var 3, Turkey
August 2022	Evrenin Sonuna Yolculuk Etmek Mümkün mü?, Seminar, Antalya Gökyüzü Gözlem Etkinliği, Turkey
August 2022	Geçmişten Geleceğe Uzay, Seminar, Antalya Gökyüzü Gözlem Etkinliği, Turkey
July 2022	Geçmişten Geleceğe Uzay, Seminar, Van Gökyüzü Gözlem Etkinliği, Turkey
May 2022	TEDx konuşması - TEDxYouth@AFL, Conference, Aydın Fen Lisesi TEDx Youth konuşması, Turkey
June 2020	TEDx konuşması - TEDxYouth@TIK, Conference, TED İstanbul Koleji TEDx Youth organizasyonu, Turkey
March 2019	TEDx konuşması - TEDxYouth@BLIS, Conference, Bilkent Laboratory and International School, Turkey
September 2016	Ulusal Astronomi Kongresi, Conference, Türk Astronomi Derneği, Turkey
May 2016	TEDx Konuşması - TEDx Gündoğdu, Conference, Gündoğdu Koleji, Turkey

Scholarships

2010 - 2015	The Philip Wetton Scholarship at Christ Church College (2010-2014), University
2008 - 2015	1416 Sayılı Yasa Kapsamında Yurtdışı Doktora Bursu (2010-2015), Ministry of Education

Awards

March 2019	Biggest Turnout Prize 1st Place, International Astronomical Union
May 2014	2014 ABTA Doctoral Researcher Awards, Honourable Mention Award in Natural & Life Sciences, Association of British Turkish Academics (ABTA)
April 2011	The Best Poster Runner-up Prize, National Astronomy Meeting (NAM), Wales/UK, Royal Astronomical Society

Representation and Promotion Activities

2024 - 2024	Institutional Representation, Çevre, Şehircilik ve İklim Değişikliği Bakanlığı, Turkey, Ankara, 2024 - 2024
2024 - 2024	Institutional Representation, Orta Doğu Teknik Üniversitesi, Turkey, Ankara, 2024 - 2024
2023 - 2023	Institutional Representation, Habertürk, Turkey, İstanbul, 2023 - 2023
2023 - 2023	Institutional Representation, Habertürk TV, Turkey, İstanbul, 2023 - 2023
2021 - 2021	Institutional Representation, TRT, Turkey, İstanbul, 2021 - 2021
2017 - 2017	Institutional Representation, CNN Türk, Turkey, İstanbul, 2017 - 2017

Non Academic Experience

2016 - 2017	Oxford Üniversitesi
2010 - 2016	Oxford Üniversitesi Fizik Bölümü Astrofizik
2011 - 2012	Nagoya Üniversitesi, Japonya