

## Assoc. Prof. Muhsin Caner Gökçe

### Personal Information

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**Web:** <https://avesis.tedu.edu.tr/muhsin.gokce>

### International Researcher IDs

ScholarID: WbFizMoAAAAJ

ORCID: 0000-0003-4465-1983

Publons / Web Of Science ResearcherID: C-4082-2019

ScopusID: 42861363200

Yoksis Researcher ID: 28643

### Biography

Muhsin Caner Gökçe is an Associate Professor in the Department of Electrical and Electronics Engineering at TED University. Dr. Gökçe received his MS degree in Electrical and Electronics Engineering from Ankara University and his Ph.D. degree in Electronics and Communication Engineering from Çankaya University. Prior to joining TED University, he was an instructor with Çankaya University from 2009 till 2019. His research focus is on optical wireless communication, propagation, and simulation of optical beam waves in atmospheric, biological tissue, and underwater turbulent channels.

#### Awards&Achievements:

- > Teknogirişim Project 2015 (High Data Rate Communication with Free Space Optics 0448. TGSD.2015) from Ministry of Science, Industry, and Technology.
- > TUBITAK, Scholarship Program for Ph.D. Students (2211)
- > Scholarships for B.Sc. and Ph.D. from Çankaya University
- > Graduation with High Honor (GPA:3.60, B.Sc. 2009)

### Education Information

Doctorate, Cankaya University, Electronic and Communication Engineering, Turkey 2012 - 2016

Postgraduate, Ankara University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 2009 - 2012

Undergraduate, Cankaya University, Faculty Of Engineering, Department Of Computer Engineering, Turkey 2007 - 2010

Undergraduate, Cankaya University, Faculty Of Engineering, Department Of Electronics And Communications Engineering, Turkey 2004 - 2009

### Research Areas

Engineering and Technology

### Academic Titles / Tasks

Associate Professor, TED University, Faculty Of Engineering, Dept.Of Electric&Electronics Engineering, 2022 - Continues

Assistant Professor, TED University, Faculty Of Engineering, Dept.Of Electric&Electronics Engineering, 2019 - 2022

Lecturer, Cankaya University, Electronic and Communication Engineering, 2009 - 2018

## Academic and Administrative Experience

Associate Professor, TED University, Electrical-Electronics Engineering, 2022 - Continues

Öğrenme ve Öğretme Merkezi (CTL) Komisyonu, 2020 - Continues

Fakülte Kurulu Üyesi, TED University, Faculty Of Engineering, Dept.Of Electric&Electronics Engineering, 2023 - 2026

Enstitü Yönetim Kurulu Üyesi, TED University, Faculty Of Engineering, Dept.Of Electric&Electronics Engineering, 2022 - 2024

Assistant Professor, TED University, Electrical and Electronics Engineering, 2019 - 2022

TEDU Open Days, 2021 - 2021

TEDU Open Days, 2020 - 2020

TEDU Open Days, 2020 - 2020

TEDU Open Days, 2020 - 2020

## Courses

Optical Communications, Undergraduate

Summer Practice I, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Summer Practice II, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Senior Project II, Undergraduate, 2021 - 2022, 2020 - 2021

Senior Project I, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

Electrical Circuits and Logic Design, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Digital Logic Design, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

Power System Analysis, Undergraduate, 2019 - 2020

Digital Logic Design, Undergraduate, 2018 - 2019

Power System Analysis, Undergraduate, 2018 - 2019

Numerical Methods for Engineering, Undergraduate, 2018 - 2019

## Jury Memberships

Post Graduate, Post Graduate, Çankaya Üniversitesi, January, 2024

Post Graduate, Post Graduate, TED Üniversitesi, October, 2023

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

- I. **Multimode beam propagation through atmospheric turbulence**  
Gökçe M. C., Baykal Y., Ata Y., Gerçekcioğlu H.  
Journal of Quantitative Spectroscopy and Radiative Transfer, vol.314, 2024 (SCI-Expanded)
- II. **Analysis of Optical Wireless MIMO Communication in Underwater Medium**  
Ata Y., Baykal Y., Gökçe M. C.  
IEEE Internet of Things Journal, 2024 (SCI-Expanded)
- III. **Intelligent Reflecting Surface Aided Vehicular Optical Wireless Communication Systems using Higher-order Mode in Underwater Channel**  
Ata Y., Gökçe M. C., Baykal Y.  
IEEE Transactions on Vehicular Technology, 2024 (SCI-Expanded)
- IV. **Tissue turbulence and its effects on optical waves: A review**  
Gökçe M. C., Ata Y., Baykal Y.

Optics Communications, vol.546, 2023 (SCI-Expanded)

- V. **Coupling efficiency of multimode beam to fiber in atmospheric turbulence**  
Gökçe M. C., Baykal Y., Ata Y.  
Journal of Quantitative Spectroscopy and Radiative Transfer, vol.303, 2023 (SCI-Expanded)
- VI. **Fiber coupling efficiency in ocean with adaptive optics corrections**  
Gökçe M. C., Ata Y., Baykal Y.  
Journal of the Optical Society of America B: Optical Physics, vol.40, no.5, pp.949-957, 2023 (SCI-Expanded)
- VII. **Modulation transfer function variation through anisotropic turbulence in biological tissue**  
Ata Y., Gökçe M. C., Baykal Y.  
Journal of the Optical Society of America B: Optical Physics, vol.40, no.4, pp.807-815, 2023 (SCI-Expanded)
- VIII. **Correlation of multimode fields in atmospheric turbulence**  
Gökçe M. C., Baykal Y. K.  
JOURNAL OF THE OPTICAL SOCIETY OF AMERICA, vol.40, no.3, pp.462-469, 2023 (SCI-Expanded)
- IX. **Correlations of multimode optical incidences in a turbulent biological tissue**  
Baykal Y., Gökçe M. C., Gerçekcioğlu H., Ata Y.  
Journal of the Optical Society of America A: Optics and Image Science, and Vision, vol.40, no.11, pp.2045-2051, 2023 (SCI-Expanded)
- X. **Fiber-Coupling Efficiency of Laser Array Beam from Turbulent Atmosphere to Fiber Link**  
Gökçe M. C., Baykal Y., Ata Y.  
Journal of Lightwave Technology, vol.41, no.1, pp.59-65, 2023 (SCI-Expanded)
- XI. **Underwater turbulence, its effects on optical wireless communication and imaging: A review**  
Baykal Y., Ata Y., Gökçe M. C.  
Optics and Laser Technology, vol.156, 2022 (SCI-Expanded)
- XII. **Performance evaluation of aeronautical uplink/downlink free-space optical communication system with adaptive optics over gamma-gamma turbulence channel**  
Gökçe M. C., Ata Y., Baykal Y.  
JOURNAL OF OPTICS, vol.24, no.10, 2022 (SCI-Expanded)
- XIII. **Mitigation of atmospheric turbulence on up and downlink optical communication systems using receiver diversity and adaptive optics**  
Ata Y., Gökçe M. C., Baykal Y.  
OPTICAL AND QUANTUM ELECTRONICS, vol.54, no.10, 2022 (SCI-Expanded)
- XIV. **Intensity fluctuations in biological tissues at any turbulence strength**  
Ata Y., Gökçe M. C., Baykal Y.  
PHYSICA SCRIPTA, vol.97, no.9, 2022 (SCI-Expanded)
- XV. **Effect of partial coherence on signal-to-noise ratio performance of free space optical communication system in weak turbulence**  
Akbuluc V., Aymelek G., Yolcu B., Kayam O., Unal O., Gökçe M. C., Baykal Y.  
OPTICS COMMUNICATIONS, vol.518, 2022 (SCI-Expanded)
- XVI. **Analysis of wander and spreading of an optical beam by using the oceanic turbulence optical power spectrum**  
Ata Y., Baykal Y., Gökçe M. C.  
JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL PHYSICS, vol.39, no.8, pp.2129-2137, 2022 (SCI-Expanded)
- XVII. **Performance of a free-space optical communication system employing receive diversity techniques in anisotropic atmospheric non-Kolmogorov turbulence**  
Ata Y., Baykal Y., Gökçe M. C.  
JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL PHYSICS, vol.39, no.8, pp.2100-2108, 2022 (SCI-Expanded)
- XVIII. **Underwater turbulence effect on optical imaging**  
Ata Y., Gökçe M. C., Baykal Y.  
PHYSICA SCRIPTA, vol.97, no.5, 2022 (SCI-Expanded)

- XIX. **BER performance of M-ary pulse position modulated communication systems in anisotropic non-Kolmogorov turbulent atmosphere**  
Ata Y., Baykal Y., Gökçe M. C.  
WAVES IN RANDOM AND COMPLEX MEDIA, vol.32, no.2, pp.936-946, 2022 (SCI-Expanded)
- XX. **Adaptive optics compensation of M-ary pulse position modulated communication systems in anisotropic non-Kolmogorov turbulent atmosphere**  
Ata Y., Baykal Y., Gökçe M. C.  
OPTICS COMMUNICATIONS, vol.501, 2021 (SCI-Expanded)
- XXI. **Effects of adaptive optics on bit error rate of M-ary PPM oceanic optical wireless communication systems with aperture averaging in strong turbulence**  
Gökçe M. C., Baykal Y., Ata Y.  
LASER PHYSICS, vol.31, no.11, 2021 (SCI-Expanded)
- XXII. **Signal-to-noise ratio with adaptive optics compensation in non-Kolmogorov weak turbulent atmosphere**  
Ata Y., Baykal Y., Gökçe M. C.  
WAVES IN RANDOM AND COMPLEX MEDIA, 2021 (SCI-Expanded)
- XXIII. **Performance of M-ary pulse position modulated optical wireless communications systems in the marine atmosphere**  
Baykal Y., Ata Y., Gökçe M. C.  
APPLIED OPTICS, vol.60, no.8, pp.2166-2170, 2021 (SCI-Expanded)
- XXIV. **Adaptive optics effect on performance of BPSK-SIM oceanic optical wireless communication systems with aperture averaging in weak turbulence**  
Gökçe M. C., Baykal Y., Ata Y.  
JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER, vol.256, 2020 (SCI-Expanded)
- XXV. **Application of adaptive optics on bit error rate of M-ary pulse-position-modulated oceanic optical wireless communication systems**  
Baykal Y., Gökçe M. C., Ata Y.  
LASER PHYSICS, vol.30, no.7, 2020 (SCI-Expanded)
- XXVI. **Effect of anisotropy on performance of M-ary phase shift keying subcarrier intensity-modulated optical wireless communication links operating in strong oceanic turbulence**  
Gökçe M. C., Baykal Y., Ata Y.  
LASER PHYSICS LETTERS, vol.17, no.5, 2020 (SCI-Expanded)
- XXVII. **Laser array beam propagation through liver tissue**  
Gökçe M. C., Baykal Y., Ata Y.  
JOURNAL OF VISUALIZATION, vol.23, no.2, pp.331-338, 2020 (SCI-Expanded)
- XXVIII. **M-ary pulse position modulation performance with adaptive optics corrections in atmospheric turbulence**  
Ata Y., Gökçe M. C., Baykal Y.  
JOURNAL OF MODERN OPTICS, vol.67, no.6, pp.563-568, 2020 (SCI-Expanded)
- XXIX. **Binary phase shift keying-subcarrier intensity modulation performance in weak oceanic turbulence**  
Gökçe M. C., Baykal Y., Ata Y.  
PHYSICAL COMMUNICATION, vol.37, 2019 (SCI-Expanded)
- XXX. **Average capacity analysis of underwater optical wireless communication links over anisotropic strong oceanic turbulence channels**  
Gökçe M. C.  
JOURNAL OF THE OPTICAL SOCIETY OF AMERICA A-OPTICS IMAGE SCIENCE AND VISION, vol.36, no.12, pp.2040-2047, 2019 (SCI-Expanded)
- XXXI. **Average channel capacity in anisotropic atmospheric non-Kolmogorov turbulent medium**  
Ata Y., Baykal Y., Gökçe M. C.  
OPTICS COMMUNICATIONS, vol.451, pp.129-135, 2019 (SCI-Expanded)
- XXXII. **Anisotropy effect on performance of subcarrier intensity modulated binary phase shift keying**

**optical wireless communication links in weakly turbulent underwater channel**

Baykal Y., Gökçe M. C., Ata Y.

JOURNAL OF MODERN OPTICS, vol.66, no.19, pp.1871-1875, 2019 (SCI-Expanded)

**XXXIII. Performance of M-ary pulse position modulation for aeronautical uplink communications in an atmospheric turbulent medium**

Ata Y., Baykal Y., Gökçe M. C.

APPLIED OPTICS, vol.58, no.28, pp.7909-7914, 2019 (SCI-Expanded)

**XXXIV. M-ary phase shift keying-subcarrier intensity modulation performance in strong oceanic turbulence**

Gökçe M. C., Baykal Y., Ata Y.

OPTICAL ENGINEERING, vol.58, no.5, 2019 (SCI-Expanded)

**XXXV. Effect of strong atmospheric non-Kolmogorov turbulence on the M-ary PSK subcarrier intensity modulated free space optical communications system performance**

Ata Y., Baykal Y., Gökçe M. C.

APPLIED OPTICS, vol.58, no.13, pp.3639-3645, 2019 (SCI-Expanded)

**XXXVI. Error performance of optical wireless communication systems exercising BPSK subcarrier intensity modulation in non-Kolmogorov turbulent atmosphere**

Ata Y., Baykal Y., Gökçe M. C.

OPTICS COMMUNICATIONS, vol.436, pp.108-112, 2019 (SCI-Expanded)

**XXXVII. Structure parameter of anisotropic atmospheric turbulence expressed in terms of anisotropic factors and oceanic turbulence parameters**

Baykal Y., Ata Y., Gökçe M. C.

APPLIED OPTICS, vol.58, no.2, pp.454-460, 2019 (SCI-Expanded)

**XXXVIII. M-ary pulse position modulation performance in strong atmospheric turbulence**

Gökçe M. C., Baykal Y., Ata Y.

JOURNAL OF THE OPTICAL SOCIETY OF AMERICA A-OPTICS IMAGE SCIENCE AND VISION, vol.35, no.12, pp.2020-2025, 2018 (SCI-Expanded)

**XXXIX. Performance analysis of M-ary pulse position modulation in strong oceanic turbulence**

Gökçe M. C., Baykal Y., Ata Y.

OPTICS COMMUNICATIONS, vol.427, pp.573-577, 2018 (SCI-Expanded)

**XL. M-ary pulse position modulation performance in non-Kolmogorov turbulent atmosphere**

Ata Y., Baykal Y., Gökçe M. C.

APPLIED OPTICS, vol.57, no.24, pp.7006-7011, 2018 (SCI-Expanded)

**XLI. Aperture averaging in strong oceanic turbulence**

Gökçe M. C., Baykal Y.

OPTICS COMMUNICATIONS, vol.413, pp.196-199, 2018 (SCI-Expanded)

**XLII. Aperture averaging and BER for Gaussian beam in underwater oceanic turbulence**

Gökçe M. C., Baykal Y.

OPTICS COMMUNICATIONS, vol.410, pp.830-835, 2018 (SCI-Expanded)

**XLIII. Effects of liver tissue turbulence on propagation of annular beam**

Gökçe M. C., Baykal Y.

OPTIK, vol.171, pp.313-318, 2018 (SCI-Expanded)

**XLIV. Performance analysis of multiple-input multiple-output free-space optical systems with partially coherent Gaussian beams and finite-sized detectors**

Gökçe M. C., Baykal Y., Uysal M.

OPTICAL ENGINEERING, vol.55, no.11, 2016 (SCI-Expanded)

**XLV. Scintillation analysis of multiple-input single-output underwater optical links**

Gökçe M. C., Baykal Y.

APPLIED OPTICS, vol.55, no.22, pp.6130-6136, 2016 (SCI-Expanded)

**XLVI. Aperture averaging in multiple-input single-output free-space optical systems using partially coherent radial array beams**

Gökçe M. C., Baykal Y., Uysal M.

JOURNAL OF THE OPTICAL SOCIETY OF AMERICA A-OPTICS IMAGE SCIENCE AND VISION, vol.33, no.6, pp.1041-1048, 2016 (SCI-Expanded)

**XLVII. Bit error rate analysis of MISO FSO systems**

Gökçe M. C., Baykal Y., Uysal M.

WAVES IN RANDOM AND COMPLEX MEDIA, vol.26, no.4, pp.642-649, 2016 (SCI-Expanded)

**XLVIII. Aperture averaging in multiple-input single-output free-space optical systems**

Gökçe M. C., Baykal Y., Kamacioglu C., Uysal M.

OPTICAL ENGINEERING, vol.54, no.6, 2015 (SCI-Expanded)

**XLIX. Ber anaylsis for super lorentz-gaussian laser beams propagating in turbulent media Türbülansli ortamda yayılan super lorentz-gauss laser demetler çn ber analz**

Gökçe M. C., Sari F., Özek F.

Journal of the Faculty of Engineering and Architecture of Gazi University, vol.28, no.4, pp.705-710, 2013 (SCI-Expanded)

**L. Irradiance fluctuations of partially coherent super Lorentz Gaussian beams**

Gökçe M. C., Eyyuboglu H. T.

OPTICS COMMUNICATIONS, vol.284, no.20, pp.4857-4861, 2011 (SCI-Expanded)

## Articles Published in Other Journals

**I. Structure functions for optical waves in a complex medium of turbulent biological tissues**

Ata Y., Baykal Y., Gökçe M. C.

Journal of the Optical Society of America A: Optics and Image Science, and Vision, vol.39, no.12, pp.2271-2281, 2022 (Scopus)

**II. Laser array field correlations in underwater turbulence**

Baykal Y., Ata Y., Gökçe M. C.

Journal of Modern Optics, vol.69, no.21, pp.1224-1228, 2022 (Scopus)

**III. Aperture Averaged Scintillation of Gaussian Beam in Strong Oceanic Turbulence**

Gökçe M. C.

GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.34, no.1, pp.100-110, 2021 (ESCI)

**IV. Correlation of multimode fields in atmospheric turbulence**

Baykal Y., Gokce M. C., Ata Y., Gercekcioglu H.

JOURNAL OF THE OPTICAL SOCIETY OF AMERICA A-OPTICS IMAGE SCIENCE AND VISION, vol.40, no.3, pp.462-469, 1 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

**I. Sualtı Kablosuz Optik Haberleşme Sistemleri için Kısmi Eş-Fazlı Lazer Dizi Demeti Sinyal-Gürültü Oranı Analizi**

Gökçe M. C., Özalp E., Aydoğdu A. E., Baykal Y.

EMO İlk Bildiriler Konferansı, 10 - 11 July 2021, pp.56-59

**II. Adaptive Optics Effects on Average Channel Capacity of Oceanic Optical Wireless Communication Systems in Strong Turbulence**

Gökçe M. C.

2nd IEEE Global Power, Energy and Communication Conference, GPECOM 2020, Virtual, Izmir, Turkey, 20 - 23 October 2020, pp.333-338

**III. Effect of Adaptive Optics on Average Channel Capacity of Underwater Optical Wireless Communication System**

Gökçe M. C.

2020 Innovations in Intelligent Systems and Applications Conference, ASYU 2020, İstanbul, Turkey, 15 - 17 October

2020

**IV. Laser array beam scintillation in oceanic turbulence Okyanus turbulansnda lazer huzme dizisi sintilasyonu**

Baykal Y., Ata Y., Gökçe M. C.

28th Signal Processing and Communications Applications Conference, SIU 2020, Gaziantep, Turkey, 5 - 07 October 2020

**V. Laser array beam scintillation in oceanic turbulence**

Baykal Y., Ata Y., Gökçe M. C.

28th Signal Processing and Communications Applications Conference (SIU), ELECTR NETWORK, 5 - 07 October 2020

**VI. Effect of Partial Coherence on MISO FSO Systems**

Gökçe M. C., Baykal Y., Uysal M.

4th International Workshop on Optical Wireless Communications (IWOW), İstanbul, Turkey, 7 - 08 September 2015, pp.88-92

**VII. Performance Analysis of MIMO FSO Systems with Radial Array Beams and Finite Sized Detectors**

Gökçe M. C., Kamacioglu C., Uysal M., Baykal Y.

3rd Annual Conference on Laser Communication and Propagation through the Atmosphere and Oceans, California, United States Of America, 17 - 19 August 2014, vol.9224

## Activities in Scientific Journals

FRONTIERS IN PHYSICS, Editor, 2022 - Continues

## Memberships / Tasks in Scientific Organizations

Optica (formerly OSA), Member, 2021 - Continues, United States Of America

## Scientific Refereeing

OPTICS EXPRESS, SCI Journal, March 2024

OPTICS AND LASER TECHNOLOGY, SCI Journal, March 2024

OPTICS COMMUNICATIONS, SCI Journal, March 2024

OPTICAL AND QUANTUM ELECTRONICS, SCI Journal, February 2024

TUBITAK Project, 2214/A INTERNATIONAL PHD RESEARCH SCHOLARSHIP PROGRAM, TED University, Turkey, February 2024

OPTICS EXPRESS, SCI Journal, January 2024

OPTICS COMMUNICATIONS, SCI Journal, January 2024

OPTICAL AND QUANTUM ELECTRONICS, SCI Journal, January 2024

OPTICS AND LASER TECHNOLOGY, SCI Journal, December 2023

APPLIED OPTICS, SCI Journal, December 2023

OPTICAL ENGINEERING, SCI Journal, October 2023

OPTICAL AND QUANTUM ELECTRONICS, SCI Journal, October 2023

OPTICAL ENGINEERING, SCI Journal, September 2023

JOURNAL OF THE OPTICAL SOCIETY OF AMERICA A: OPTICS AND IMAGE SCIENCE, AND VISION, SCI Journal, September 2023

OPTICAL AND QUANTUM ELECTRONICS, SCI Journal, August 2023

OPTICS EXPRESS, SCI Journal, August 2023

OPTICAL ENGINEERING, SCI Journal, July 2023

OPTICS LETTERS, SCI Journal, June 2023  
INDIAN JOURNAL OF PHYSICS, SCI Journal, June 2023  
INDIAN JOURNAL OF PHYSICS, SCI Journal, May 2023  
JOURNAL OF THE OPTICAL SOCIETY OF AMERICA A: OPTICS AND IMAGE SCIENCE, AND VISION, SCI Journal, May 2023  
OPTICS COMMUNICATIONS, SCI Journal, April 2023  
JOURNAL OF THE OPTICAL SOCIETY OF AMERICA A: OPTICS AND IMAGE SCIENCE, AND VISION, SCI Journal, April 2023  
OPTICS COMMUNICATIONS, SCI Journal, April 2023  
APPLIED OPTICS, SCI Journal, March 2023  
APPLIED OPTICS, SCI Journal, February 2023  
OPTICS EXPRESS, SCI Journal, February 2023  
WAVES IN RANDOM AND COMPLEX MEDIA, SCI Journal, January 2023  
OPTICS EXPRESS, SCI Journal, January 2023  
JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B: OPTICAL PHYSICS, SCI Journal, October 2022  
OPTICS EXPRESS, SCI Journal, September 2022  
JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B: OPTICAL PHYSICS, SCI Journal, August 2022  
OPTICS EXPRESS, SCI Journal, July 2022  
OPTICS AND LASER TECHNOLOGY, SCI Journal, June 2022  
FRONTIERS IN PHYSICS, SCI Journal, June 2022  
OPTICS EXPRESS, SCI Journal, May 2022  
OPTICS EXPRESS, SCI Journal, May 2022  
JOURNAL OF OPTICAL COMMUNICATIONS AND NETWORKING, SCI Journal, May 2022  
JOURNAL OF THE OPTICAL SOCIETY OF AMERICA A: OPTICS AND IMAGE SCIENCE, AND VISION, SCI Journal, May 2022  
OPTICS EXPRESS, SCI Journal, April 2022  
WAVES IN RANDOM AND COMPLEX MEDIA, SCI Journal, April 2022  
OPTICS EXPRESS, SCI Journal, March 2022  
OPTICS EXPRESS, SCI Journal, March 2022  
OPTICS COMMUNICATIONS, SCI Journal, March 2022  
OPTICS EXPRESS, SCI Journal, February 2022  
WAVES IN RANDOM AND COMPLEX MEDIA, SCI Journal, February 2022  
JOURNAL OF OPTICAL COMMUNICATIONS AND NETWORKING, SCI Journal, January 2022  
JOURNAL OF OPTICAL COMMUNICATIONS AND NETWORKING, SCI Journal, January 2022  
OPTICS EXPRESS, SCI Journal, January 2022  
JOURNAL OF THE OPTICAL SOCIETY OF AMERICA A: OPTICS AND IMAGE SCIENCE, AND VISION, SCI Journal, January 2022  
OPTICS COMMUNICATIONS, SCI Journal, January 2022  
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, January 2022  
JOURNAL OF OPTICS A: PURE AND APPLIED OPTICS, SCI Journal, November 2021  
IEEE International Conference on Communications (ICC): Wireless Communications Symposium, Conference Paper (Full Text), November 2021  
JOURNAL OF THE OPTICAL SOCIETY OF AMERICA A: OPTICS AND IMAGE SCIENCE, AND VISION, SCI Journal, November 2021  
APPLIED OPTICS, SCI Journal, November 2021  
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, October 2021  
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, October 2021  
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, September 2021  
WAVES IN RANDOM AND COMPLEX MEDIA, SCI Journal, July 2021  
İlk Bildiriler Konferansı, Conference Paper (Full Text), June 2021  
WAVES IN RANDOM AND COMPLEX MEDIA, SCI Journal, June 2021  
APPLIED OPTICS, SCI Journal, June 2021  
APPLIED OPTICS, SCI Journal, May 2021



OPTICS EXPRESS, SCI Journal, May 2021  
OPTICS EXPRESS, SCI Journal, February 2021  
APPLIED OPTICS, SCI Journal, January 2021  
IEEE ACCESS, SCI Journal, December 2020  
JOURNAL OF THE OPTICAL SOCIETY OF AMERICA A: OPTICS AND IMAGE SCIENCE, AND VISION, SCI Journal, November 2020  
OPTICAL ENGINEERING, SCI Journal, September 2020  
OPTICS EXPRESS, SCI Journal, August 2020  
WAVES IN RANDOM AND COMPLEX MEDIA, SCI Journal, August 2020  
OPTICS COMMUNICATIONS, SCI Journal, June 2020  
APPLIED OPTICS, SCI Journal, June 2020  
WAVES IN RANDOM AND COMPLEX MEDIA, SCI Journal, April 2020  
IEEE ACCESS, SCI Journal, April 2020  
OPTICS LETTERS, SCI Journal, March 2020  
OPTICS EXPRESS, SCI Journal, February 2020  
IEEE SİNYAL İŞLEME ve İLETİŞİM UYGULAMALARI KURULTAYI, Conference Paper (Full Text), February 2020  
IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS, SCI Journal, February 2020  
APPLIED OPTICS, SCI Journal, February 2020  
Journal of Modern Optics, SCI Journal, September 2019  
OPTİK, SCI Journal, September 2019  
IEEE TRANSACTIONS ON COMMUNICATIONS, SCI Journal, September 2019  
JOURNAL OF THE OPTICAL SOCIETY OF AMERICA A: OPTICS AND IMAGE SCIENCE, AND VISION, SCI Journal, June 2019  
JOURNAL OF THE OPTICAL SOCIETY OF AMERICA A: OPTICS AND IMAGE SCIENCE, AND VISION, SCI Journal, May 2019  
OPTICS COMMUNICATIONS, SCI Journal, April 2019  
OPTICS LETTERS, SCI Journal, March 2019  
OPTICS COMMUNICATIONS, SCI Journal, January 2019

### **Tasks In Event Organizations**

GÖKÇE M. C., İlk Bildiriler Konferansı 2021, Temmuz 2021

### **Scientific Research / Working Group Memberships**

European Network On Future Generation Optical Wireless Communication Technologies (Newfocus), Ecole Centrale Marseille Institut Fresnel, Fransa, <https://www.cost.eu/actions/CA19111/>, 2023 - Continues

### **Congress and Symposium Activities**

NATO CMRE, Invited Speaker, Livorno, Italy, 2023

### **Awards**

Gökçe M. C., TÜBİTAK UBYT, Tübitak-Ubyt, December 2022  
Gökçe M. C., TÜBİTAK UBYT, Tübitak, December 2022  
Gökçe M. C., TÜBİTAK UBYT, Tübitak, November 2022  
Gökçe M. C., TÜBİTAK UBYT, Tübitak, May 2022  
Gökçe M. C., TÜBİTAK UBYT, Tübitak, April 2022  
GÖKÇE M. C., TUBITAK UBYT, January 2021

GÖKÇE M. C., TUBİTAK UBYT, July 2020

GÖKÇE M. C., TUBİTAK UBYT, July 2020