

## Asst. Prof. GÜLŞEN GÖRK

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: A-4664-2018

ScopusID: 57221281294

Yoksis Researcher ID: 170661



### Education Information

Doctorate, Bogazici University, Institute Of Science, Fizik (Dr), Turkey 2010 - 2017

Postgraduate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Physics, Turkey 2007 - 2010

Undergraduate, Marmara University, Faculty of Arts and Sciences, Physics, Turkey 2003 - 2007

### Foreign Languages

English, C2 Mastery

### Certificates, Courses and Trainings

IT, Data Science ve Python: Sıfırdan Uzmanlığa Veri Bilimi (2), UDEMY Online Eğitimleri- DATAI TEAM, 2020

### Dissertations

Doctorate, FIBER OPTİK LLOYD AYNASI YONTEMINI KULLANARAK 3-D OPTİK PROFILOMETRE YAPIMI, Boğaziçi Üniversitesi, Fen Bilimleri Enstitüsü, Fizik (Dr), 2017

Postgraduate, Organik ışık yayan diyotların imali ve karakterizasyonu, Marmara Üniversitesi, Institute for Graduate Studies in Pure and Applied Sciences, Fizik (YI) (Tezli), 2010

### Research Areas

Physics

### Academic Titles / Tasks

## Courses

Elektronik Laboratuvarı, Undergraduate, 2020 - 2021

Devre Analizi, Undergraduate, 2020 - 2021

Scientific English, Undergraduate, 2018 - 2019

Fizik 2, Undergraduate, 2018 - 2019

Scientific English, Undergraduate, 2018 - 2019

Fizik 1, Undergraduate, 2018 - 2019

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

- I. **Synthesis and characterization of the novel 4-(1-(pyridin-4-yl) ethoxyl) substituted bis(phthalocyaninato) rare earth complexes and investigation of their two-photon absorption-based third-order non-linear optical properties**  
Çavuş A., GÖRK G., ERDEM M., ÖZER M.  
Journal of Molecular Structure, vol.1247, 2022 (SCI-Expanded)
- II. **Nonlinear optical behavior and optical power limiting characteristics of peripheral symmetrical and non-symmetrical zinc phthalocyanines with nanosecond pulsed excitation**  
Erdem M., Korkmaz E., Kösoğlu G., Ahmetali E., Farajzadeh N., Eryürek G., Koçak M.  
Polyhedron, vol.195, 2021 (SCI-Expanded)
- III. **Synthesis, characterization, third-order non-linear optical properties and DFT studies of novel SUBO bridged ball-type metallophthalocyanines**  
Alizadeh S., Kösoğlu G., Erdem M., Açar-Selçuki N., Özer M., Salih B., Bekaroğlu Ö.  
DALTON TRANSACTIONS, vol.49, no.47, pp.17263-17273, 2020 (SCI-Expanded)
- IV. **Nonlinear optical properties of peripheral symmetrically and non-symmetrically 4-(trifluoromethoxy)phenoxy substituted zinc phthalocyanines**  
Farajzadeh N., KÖSOĞLU G., ERDEM M., ERYÜREK G., KOCAC M. B.  
SYNTHETIC METALS, vol.266, 2020 (SCI-Expanded)
- V. **3-D optical profilometry at micron scale with multi-frequency fringe projection using modified fibre optic Lloyd's mirror technique**  
İNANÇ A., KÖSOĞLU G., YÜKSEL H. M., İNCİ M. N.  
OPTICS AND LASERS IN ENGINEERING, vol.105, pp.14-26, 2018 (SCI-Expanded)
- VI. **Four-core optical fiber as a calorimetric gauge**  
GÜVENÇ S., GÖKBULUT B., KÖSOĞLU G., YÜKSEL H. M., İNCİ M. N.  
APPLIED OPTICS, vol.55, no.32, pp.9173-9177, 2016 (SCI-Expanded)
- VII. **Phase stepping optical profilometry using fiber optic Lloyd's mirrors**  
Kosoglu G., Yuksel H., Inci M. N.  
APPLIED OPTICS, vol.55, no.4, pp.846-852, 2016 (SCI-Expanded)
- VIII. **Fourier transform optical profilometry using fiber optic Lloyd's mirrors**  
Kart T., KÖSOĞLU G., YÜKSEL H. M., İNCİ M. N.  
APPLIED OPTICS, vol.53, no.35, pp.8175-8181, 2014 (SCI-Expanded)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Non-linear Optik Özellikli Yeni Tip (4- (1- (Piridin-4-il) etoksil)) Süstitüe Double-Decker Ftalosiyanın Komplekslerinin Sentezi ve Karakterizasyonu**

Çavuş A., Kösoğlu G., Erdem M., Özer M.

32. ulusal kimya kongresi, İstanbul, Turkey, 17 - 19 September 2020, pp.220-221

II. **3D topography of trapped micro-particles using Lloyd's mirror fringe projection method**

Parlatan U., Görk G., İnanç A., İnci M. N., Ünlü M. B.

SPIE Photonics West 2019, California, United States Of America, 2 - 07 February 2019, vol.1088159

III. **MicroScale Optical Profilometry with Fiber Optic Lloyd's Mirror**

Kösoğlu G., İnanç A., İnci M. N.

Photon 2018, Birmingham, United Kingdom, 3 - 06 September 2018

IV. **Photonic band gap and defect states calculation of 2D octagonal structures**

KÖSOĞLU G., İNCİ M. N.

SPIE Optics Optoelectronics 2017, prague, Czech Republic, 24 - 27 April 2017

V. **3D phase stepping optical profilometry using a fiber optic Lloyd s mirror**

KÖSOĞLU G., YÜKSEL H. M., İNCİ M. N.

SPIE photonics Europe Brussel 2016, brüksel, Belgium, 3 - 07 April 2016

VI. **3D Optical Profilometry Using a Fiber Optic Lloyd's Mirror**

Kart T., Kosoglu G., Yuksel H., Inci M. N.

Conference on Interferometry XVII - Advanced Applications, California, United States Of America, 18 - 20 August 2014, vol.9204

VII. **CuO Nano Parçacıkların Empedans Spektroskopik İncelenmesi**

Kösoğlu G., Alıkma F., Dumludağ F., Altındal A.

Turkish Physical Society 25th International Physics Congress, Muğla, Turkey, 25 - 29 August 2008, pp.181

## Supported Projects

Kösoğlu G., Project Supported by Higher Education Institutions, Nano-yapı katkılı İnce Filmlerin ve İnorganik/Organik Bazlı Bileşik Çözeltilerin Doğrusal Olmayan Optik Soğurma ve Kırılma Özelliklerinin İncelenmesi, 2018 - 2021

Kösoğlu G., İnci M. N., Project Supported by Higher Education Institutions, Energy band gap measurements of water waves in periodic lattices, 2015 - 2017

Dumludağ F., Yahşi U., Altun Z., Aktaş Ş., Esmer K., Tav C., Özdemir M., Akkoyunlu B. O., Yumak Yahşi A., Alevli M., et al., Project Supported by Higher Education Institutions, İleri Modern Fizik Laboratuvarı (FEN-E-120613-0265), 2013 - 2017

## Metrics

Publication: 17

Citation (WoS): 40

Citation (Scopus): 56

H-Index (WoS): 4

H-Index (Scopus): 4