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Publons / Web Of Science ResearcherID: A-4664-2018
ScopusID: 57221281294
Yoksis Researcher ID: 170661

Education Information

Doctorate, Bogazici University, Instıtute Of Scıence, 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 OPTIK LLOYD AYNASI YONTEMINI KULLANARAK 3-D OPTIK 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 (Yl) (Tezli), 2010

Research Areas

Physics

Academic Titles / Tasks

Research Assistant, Marmara University, Faculty of Arts and Sciences, Physics, 2007 - Continues

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., Kocak 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-lineer Optik Özellikli Yeni Tip (4- (1- (Piridin-4-il) etoksil)) Sübstitüe Double-Decker Ftalosiyanin 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., Inanç 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 OpticsOptoelectronics 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