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Kişisel Bilgiler

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Publons / Web Of Science ResearcherID: N-6619-2014

ScopusID: 6504072443

Yoksis Araştırmacı ID: 205347

Eğitim Bilgileri

Doktora, İstanbul Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, Türkiye 2003 - 2010

Yüksek Lisans, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Anabilim Dalı, Türkiye 1999 - 2003

Lisans, İstanbul Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, Türkiye 1995 - 1999

Yabancı Diller

İngilizce

Yaptığı Tezler

Doktora, Tetrakis(hidroksietiltia)ftalosyanın'den yeni bileşiklerin sentezi ve karakterizasyonu, İstanbul Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2010

Yüksek Lisans, Tetra (2-naftiloksi) sübstitüe ftalosyanınlar, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Anabilim Dalı, 2003

Araştırma Alanları

Temel Bilimler, Kimya, İnorganik Kimya, İnorganik Halkalı Bileşikler, Yeni Ligandlar

Akademik Unvanlar / Görevler

Doç.Dr., İstanbul Teknik Üniversitesi, Fen-Edebiyat, Kimya, 2014 - Devam Ediyor

Öğretim Görevlisi Dr., İstanbul Teknik Üniversitesi, Fen-Edebiyat, Kimya, 2003 - 2018

Verdiği Dersler

Genel Kimya, Lisans, 2016 - 2017

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Investigation of advanced biological properties of carbon, carbon-boron quantum dots, and copper (II) phthalocyanine nanoconjugates**
Özçesmeci M., Gümrükçü S., Ünlü C., Coşkun İ. Y., Özdemir S., Yalçın M. S., Tollu G., Özçesmeci İ.
Applied Organometallic Chemistry, 2024 (SCI-Expanded)
- II. **Synthesis, fabrication and characterization of 2-naphthyoxy group-substituted bis(2-pyridylimino)isoindoline and its derivatives as a positive electrode for vanadium redox flow battery applications**
Gümrükçü S., Özçesmeci M., Koçyiğit N., Kaya K., Gül A., ŞAHİN Y., Özçesmeci İ.
Dalton Transactions, cilt.52, sa.16, ss.5265-5276, 2023 (SCI-Expanded)
- III. **Energy transfer processes in 1,3-bis(pyridyl) iminoisoindoline based donor-acceptor system – Synthesis, photophysics, and TD-DFT study**
Gümrükçü S., Katircı R., Özçesmeci M., Ünlü C., Özçesmeci İ.
Inorganic Chemistry Communications, cilt.146, 2022 (SCI-Expanded)
- IV. **Effect of heteroatom-doped carbon quantum dots on the red emission of metal-conjugated phthalocyanines through hybridization**
Eryigit S., Gelir A., Budak E., Ünlü C., Gömleksiz A., Özçesmeci İ., Gül A.
LUMINESCENCE, cilt.37, sa.2, ss.268-277, 2022 (SCI-Expanded)
- V. **The analysis of interactions between DNA and small molecules: proposals for binding mechanisms based on computational data**
Özçesmeci İ., Katircı R., Sesalan B. Ş.
MONATSHEFTE FÜR CHEMIE, cilt.153, sa.1, ss.113-124, 2022 (SCI-Expanded)
- VI. **The effect of Zn metallophthalocyanine on the optical and structural properties of sol-gel spin coated TiO₂ thin films**
Özçesmeci İ., Sorar İ., Sarıgül H.
Journal Of Optoelectronics And Advanced Materials, cilt.23, ss.587-593, 2021 (SCI-Expanded)
- VII. **Optical and morphological properties and in silico studies on metallophthalocyanines containing pyridyloxy moieties**
SORAR İ., Özçesmeci İ., Katircı R., Gül A.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1212, 2020 (SCI-Expanded)
- VIII. **Unsymmetrical phthalocyanines containing azo moiety; Synthesis and photophysical properties**
Garip E. O., Özçesmeci M., KATIRCI R., Özçesmeci İ., Hamuryudan E.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, cilt.23, ss.1563-1569, 2019 (SCI-Expanded)
- IX. **Synthesis, photophysical and electrochemical properties of novel unsymmetrical phthalocyanines with a Sudan IV moiety**
Özçesmeci İ., Buyuk P., Nar I., Gül A.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, cilt.22, ss.112-120, 2018 (SCI-Expanded)
- X. **Synthesis and some optical results of long chain substituted phthalocyanines**
Özçesmeci İ., SORAR İ.
TURKISH JOURNAL OF CHEMISTRY, cilt.42, sa.1, ss.21-28, 2018 (SCI-Expanded)
- XI. **Synthesis of quaternized zinc(II) and cobalt(II) phthalocyanines bearing pyridine-2-yl-ethynyl groups and their DNA binding properties**
MOEINI ALISHAH M., Yenilmez H. Y., Özçesmeci İ., Sesalan B. Ş., Altuntas Bayir Z.
TURKISH JOURNAL OF CHEMISTRY, cilt.42, sa.2, ss.572-585, 2018 (SCI-Expanded)
- XII. **Synthesis and photophysical properties of a porphyrin-BODIPY dyad and a porphyrin-o-carborane-BODIPY triad**
BERKSUN E., NAR I., Atsay A., Özçesmeci İ., Gelir A., Hamuryudan E.
INORGANIC CHEMISTRY FRONTIERS, cilt.5, sa.1, ss.200-207, 2018 (SCI-Expanded)
- XIII. **Novel phthalocyanines containing azo chromophores; synthesis, characterization, photophysical, and electrochemical properties**
Garip E. O., Özçesmeci M., Nar I., Özçesmeci İ., Hamuryudan E.

- JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, cilt.22, ss.198-206, 2018 (SCI-Expanded)
- XIV. Spectroscopic and thermodynamic approach to the interaction of nonperipherally substituted cationic phthalocyanines with calf thymus (CT)-DNA
Tuncer S., Özleşmeci İ., Sesalan B. Ş., Kalkan Burat A.
TURKISH JOURNAL OF CHEMISTRY, cilt.42, sa.2, ss.274-295, 2018 (SCI-Expanded)
- XV. Synthesis, characterization, and optical studies of pentoxy-substituted tetrakis(pentafluorobenzoyloxy)phthalocyanines
Özleşmeci M., Sorar I., Özleşmeci İ., Hamuryudan E.
JOURNAL OF COORDINATION CHEMISTRY, cilt.71, sa.15, ss.2281-2292, 2018 (SCI-Expanded)
- XVI. Photophysicochemical, calf thymus DNA binding and in vitro photocytotoxicity properties of tetramorpholinoethoxy-substituted phthalocyanines and their water-soluble quaternized derivatives
KOCAN H., Kaya K., Özleşmeci İ., Sesalan B. Ş., Goksel M., Durmus M., Burat A.
JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY, cilt.22, sa.8, ss.1251-1266, 2017 (SCI-Expanded)
- XVII. Thin films of fluorinated groups substituted metallophthalocyanines as an optical material
Özleşmeci M., Özleşmeci İ., Sorar I., Hamuryudan E.
INORGANIC CHEMISTRY COMMUNICATIONS, cilt.86, ss.209-212, 2017 (SCI-Expanded)
- XVIII. Electrocatalytic hydrogen evolution reaction with a supramolecular cobalt(II)phthalocyanine carrying four cobaloxime moieties
Özleşmeci İ., Demir A., Akyuz D., Koca A., Gül A.
INORGANICA CHIMICA ACTA, cilt.466, ss.591-598, 2017 (SCI-Expanded)
- XIX. Synthesis, photophysical and electrochemical properties of novel hexadeca-substituted phthalocyanines bearing naphthoxy groups
Kurt O., Özleşmeci İ., Koca A., Gül A., Kocak M.
DYES AND PIGMENTS, cilt.137, ss.236-243, 2017 (SCI-Expanded)
- XX. Non-peripherally tetrasubstituted phthalocyanines: Synthesis, characterization and, photophysical investigation
TUNCER S., Kaya K., Özleşmeci İ., Burat A.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, cilt.827, ss.78-85, 2017 (SCI-Expanded)
- XXI. Synthesis and spectroscopic investigation of boronic esters of metal-free fluorinated and non-fluorinated phthalocyanines
Özleşmeci İ., OZCESMECI M., Gül A., HAMURYUDAN E.
SYNTHETIC METALS, cilt.222, ss.344-350, 2016 (SCI-Expanded)
- XXII. Optical studies on phthalocyanines substituted with phenylazonaphthoxy groups
Özleşmeci İ., Sorar I., Gül A.
PHILOSOPHICAL MAGAZINE, cilt.96, sa.28, ss.2986-2999, 2016 (SCI-Expanded)
- XXIII. The synthesis and investigation of binding properties of a new water soluble hexadeca zinc(II) phthalocyanine with bovine serum albumin and DNA
Kurt O., OZCESMECI İ., Sesalan B. Ş., Koçak M.
NEW JOURNAL OF CHEMISTRY, cilt.39, sa.7, ss.5767-5775, 2015 (SCI-Expanded)
- XXIV. Synthesis and photophysical properties of novel hexadeca-substituted phthalocyanines bearing three different groups
Kurt O., OZCESMECI İ., GUL A., Kocak M.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, cilt.754, ss.8-15, 2014 (SCI-Expanded)
- XXV. Synthesis and photophysical properties of indium(III) phthalocyanine derivatives
Özleşmeci İ., GELIR A., Gül A.
JOURNAL OF LUMINESCENCE, cilt.147, ss.141-146, 2014 (SCI-Expanded)
- XXVI. Synthesis and aggregation behavior of zinc phthalocyanines substituted with bulky naphthoxy and phenylazonaphthoxy groups: An experimental and theoretical study
Özleşmeci İ., TEKİN A., GUL A.
SYNTHETIC METALS, cilt.189, ss.100-110, 2014 (SCI-Expanded)
- XXVII. Synthesis and photophysical properties of novel unsymmetrical metal-free and

- metallophthalocyanines**
Özçesmeci İ., BURAT A., Bayır Z.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, cilt.750, ss.125-131, 2014 (SCI-Expanded)
- XXVIII. Photophysical properties of anthracenylmethyloxycarbonylmethylsulfanyl-phthalocyanines**
Sevim A. M., ARIKAN S., OZCESMECI İ., GUL A.
SYNTHETIC METALS, cilt.183, ss.1-7, 2013 (SCI-Expanded)
- XXIX. Synthesis and fluorescence properties of phthalocyanines with dibromo- and tribromo-phenoxy functionalities**
Ozcesmeci I.
SYNTHETIC METALS, cilt.176, ss.128-133, 2013 (SCI-Expanded)
- XXX. Synthesis and photophysical properties of a novel ethynyl zinc(II) phthalocyanine and its functionalized derivative with click chemistry**
Sevim A. M., OZCESMECI İ., GUL A.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, cilt.17, ss.540-547, 2013 (SCI-Expanded)
- XXXI. Investigation of the biological properties of water soluble quinoline substituted phthalocyanines**
Evren D., Özçesmeci İ., Sesalan B. Ş., BURAT A.
SYNTHETIC METALS, cilt.168, ss.31-35, 2013 (SCI-Expanded)
- XXXII. Synthesis of novel tetracationic phthalocyanines and investigation of their DNA-binding properties**
Evren D., BURAT A., Özçesmeci İ., Sesalan B. Ş.
DYES AND PIGMENTS, cilt.96, sa.2, ss.475-482, 2013 (SCI-Expanded)

Diger Dergilerde Yayınlanan Makaleler

- I. Optical investigation of palladium(II) phthalocyanine including an aromatic group
ÖZÇEŞMECİ İ., SORAR İ.
Journal of the Turkish Chemical Society, Section A: Chemistry, 2018 (Scopus)

Desteklenen Projeler

- Özçesmeci İ., Yükseköğretim Kurumları Destekli Proje, 1,3-bis (2-Piridil imino) izoindolin Türevlerinin Sentezi ve Karakterizasyonu, 2016 - 2018
- Özçesmeci İ., Yükseköğretim Kurumları Destekli Proje, Kobalt ftalosiyanın-kobaltoksim komplekslerinin fotokimyasal ve elektrokimyasal çalışması, 2016 - 2018
- Özçesmeci İ., Yükseköğretim Kurumları Destekli Proje, Metalli Ftalosiyanınların Sentezi ve Agregasyon Özellikleri; Deneyel ve Teorik Çalışma, 2014 - 2018
- Özçesmeci İ., Yükseköğretim Kurumları Destekli Proje, Solketal Grubu İçeren Metalsız Ftalosiyanınların ve Ftalonitrillerin Boronik Esterleri, 2013 - 2018
- Özçesmeci İ., Yükseköğretim Kurumları Destekli Proje, Hacimli Halojen Gruplar İçeren Çinko2 Ftalosiyanınların Sentezi ve Spektroskopik İncelemeleri, 2012 - 2018
- Özçesmeci İ., Yükseköğretim Kurumları Destekli Proje, Synthesis and DNA Binding Properties of Cationic Metallophthalocyanines, 2011 - 2018

Bilimsel Hakemlikler

- Turkish Journal of Chemistry, SCI Kapsamındaki Dergi, Mayıs 2017
- Turkish Journal of Chemistry, SCI Kapsamındaki Dergi, Ağustos 2015
- Journal of Molecular Structure, SCI Kapsamındaki Dergi, Ekim 2014
- Turkish Journal of Chemistry, SCI Kapsamındaki Dergi, Temmuz 2014

Turkish Journal of Chemistry, SCI Kapsamındaki Dergi, Nisan 2013

Turkish Journal of Chemistry, SCI Kapsamındaki Dergi, Mayıs 2012

Metrikler

Yayın: 69

Atıf (WoS): 795

Atıf (Scopus): 858

H-İndeks (WoS): 19

H-İndeks (Scopus): 21

Akademi Dışı Deneyim

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Tübingen Üniversitesi