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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)ftalosiyanin'den yeni bileşiklerin sentezi ve karakterizasyonu, İstanbul Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2010
Yüksek Lisans, Tetra (2-naftiloksi) sübstitüe ftalosiyaninler, 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**
Özçeşmeci M., Gümrükçü S., Ünlü C., Coşkun İ. Y., Özdemir S., Yalçın M. S., Tollu G., Özçeşmeci İ.
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II. **Synthesis, fabrication and characterization of 2-naphthyloxy group-substituted bis(2-pyridylimino)isoindoline and its derivatives as a positive electrode for vanadium redox flow battery applications**
Gümrükçü S., Özçeşmeci M., Koçyiğit N., Kaya K., Gül A., ŞAHİN Y., Özçeşmeci İ.
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III. **Energy transfer processes in 1,3-bis(pyridyl) iminoisoindoline based donor–acceptor system – Synthesis, photophysics, and TD-DFT study**
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V. **The analysis of interactions between DNA and small molecules: proposals for binding mechanisms based on computational data**
Özçeşmeci İ., Katirci R., Sesalan B. Ş.
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VI. **The effect of Zn metallophthalocyanine on the optical and structural properties of sol-gel spin coated TiO2 thin films**
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VII. **Optical and morphological properties and in silico studies on metallophthalocyanines containing pyridyloxy moieties**
SORAR İ., Özçeşmeci İ., Katirci R., Gül A.
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VIII. **Unsymmetrical phthalocyanines containing azo moiety; Synthesis and photophysical properties**
Garip E. O., Özçeşmeci M., KATIRCI R., Özçeşmeci İ., Hamuryudan E.
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IX. **Synthesis, photophysical and electrochemical properties of novel unsymmetrical phthalocyanines with a Sudan IV moiety**
Özçeşmeci İ., Buyuk P., Nar I., Gül A.
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X. **Synthesis and some optical results of long chain substituted phthalocyanines**
Özçeşmeci 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., Özçeşmeci İ., Sesalan B. Ş., Altuntas Bayir Z.
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XII. **Synthesis and photophysical properties of a porphyrin-BODIPY dyad and a porphyrin-o-carborane-BODIPY triad**
BERKSUN E., NAR I., Atsay A., Özçeşmeci İ., Gelir A., Hamuryudan E.
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XIII. **Novel phthalocyanines containing azo chromophores; synthesis, characterization, photophysical, and electrochemical properties**
Garip E. O., Özçeşmeci M., Nar I., Özçeşmeci İ., Hamuryudan E.

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XIV. **Spectroscopic and thermodynamic approach to the interaction of nonperipherally substituted cationic phthalocyanines with calf thymus (CT)-DNA**
Tuncer S., Özçeşmeci İ., Sesalan B. Ş., Kalkan Burat A.
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XVI. **Photophysicochemical, calf thymus DNA binding and in vitro photocytotoxicity properties of tetra-morpholinoethoxy-substituted phthalocyanines and their water-soluble quaternized derivatives**
KOCAN H., Kaya K., Özçeşmeci İ., Sesalan B. Ş., Goksel M., Durmus M., Burat A.
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XVII. **Thin films of fluorinated groups substituted metallophthalocyanines as an optical material**
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XVIII. **Electrocatalytic hydrogen evolution reaction with a supramolecular cobalt(II)phthalocyanine carrying four cobaloxime moieties**
Özçeşmeci İ., Demir A., Akyuz D., Koca A., Gül A.
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XIX. **Synthesis, photophysical and electrochemical properties of novel hexadeca-substituted phthalocyanines bearing naphthoxy groups**
Kurt O., Özçeşmeci İ., Koca A., Gül A., Kocak M.
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XX. **Non-peripherally tetrasubstituted phthalocyanines: Synthesis, characterization and, photophysical investigation**
TUNCER S., Kaya K., Özçeşmeci İ., Burat A.
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XXI. **Synthesis and spectroscopic investigation of boronic esters of metal-free fluorinated and non-fluorinated phthalocyanines**
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XXII. **Optical studies on phthalocyanines substituted with phenylazonaphthoxy groups**
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Kurt O., OZCESMECI İ., Sesalan B. Ş., Koçak M.
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Kurt O., OZCESMECI İ., GUL A., Kocak M.
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XXV. **Synthesis and photophysical properties of indium(III) phthalocyanine derivatives**
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metallophthalocyanines
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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., Özçeşmeci 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., Özçeşmeci İ., Sesalan B. Ş.
DYES AND PIGMENTS, cilt.96, sa.2, ss.475-482, 2013 (SCI-Expanded)

Diğer 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

Özçeşmeci İ., Yükseköğretim Kurumları Destekli Proje, 1,3-bis (2-Piridil imino) izoindolin Türevlerinin Sentezi ve Karakterizasyonu, 2016 - 2018
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Özçeşmeci İ., Yükseköğretim Kurumları Destekli Proje, Metalli Ftalosiyaninlerin Sentezi ve Agregasyon Özellikleri; Deneysel ve Teorik Çalışma, 2014 - 2018
Özçeşmeci İ., Yükseköğretim Kurumları Destekli Proje, Solketal Grubu İçeren Metalsız Ftalosiyaninlerin ve Ftalonitrillerin Boronik Esterleri, 2013 - 2018
Özçeşmeci İ., Yükseköğretim Kurumları Destekli Proje, Hacimli Halojen Gruplar İçeren Çinko2 Ftalosiyaninlerin Sentezi ve Spektroskopik İncelemeleri, 2012 - 2018
Özçeşmeci İ., Yükseköğretim Kurumları Destekli Proje, Synthesis and DNA Binding Properties of Cationic Metallopthalcyanines, 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

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