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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Yıldız Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya Bölümü, Türkiye 1996 - 2005

Yıldız Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya Bölümü, Türkiye Devam Ediyor

Lisans, Yıldız Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya Bölümü, Türkiye 1987 - 1991

Yaptığı Tezler

Doktora, 1,10 -FENANTROLİN İÇEREN ÇOK DİŞLİ LİGANDLARIN SENTEZİ, METAL KOMPLEKSLERİNİN İNCELENMESİ, Yıldız Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2005

Yüksek Lisans, Çeşitli Materyallerde Diferansiyel Puls Polarografik Yöntemle Nitrit Miktar Tayini, Yıldız Teknik Üniversitesi, Fen-Edebiyat Fakültesi, 1996

Araştırma Alanları

Kimya, İnorganik Kimya, Koordinasyon Kimyası, Yeni Ligandlar, Temel Bilimler

Akademik Unvanlar / Görevler

Doç. Dr., Yıldız Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya, 1996 - Devam Ediyor

Verdiği Dersler

Doktora

Makrosiklik Bileşikler Kimyası, Doktora, 2019 - 2020, 2013 - 2014, 2012 - 2013

Yüksek Lisans

Ftalosiyanimler ve Uygulamaları, Yüksek Lisans, 2020 - 2021, 2017 - 2018

Araştırma Yöntemleri ve Bilimsel Etik, Yüksek Lisans, 2018 - 2019

Lisans

Genel Kimya 2, Lisans, 2021 - 2022, 2020 - 2021, 2016 - 2017, 2015 - 2016

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Deterjanlar, Lisans, 2021 - 2022, 2017 - 2018, 2016 - 2017

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- I. **Influence of 2-naphthoic acid anchoring groups to the photovoltaic performance of zinc phthalocyanine-based photosensitizers in dye-sensitized solar cell**
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- IV. **Electrochemical and spectroelectrochemical characterizations of phthalocyanines bearing peripherally tetra-4-carboxyethylenephenoxy anchoring groups and usage as photosensitizers of dye-sensitized solar cell**
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- V. **Synthesis of a novel axially substituted silicon phthalocyanine sensitizer for efficient singlet oxygen generation by comparing PDT and SPDT studies**
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- VII. **Synthesis of tetracarboxy phthalocyanines modified TiO₂ nanocomposite photocatalysts and investigation of photocatalytic decomposition of organic pollutant methylene blue under visible light**
Hisir A., KESER KARAOĐLAN G., AVCIATA O.
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- VIII. **Synthesis of a novel zinc phthalocyanine with peripherally coordinated Ru(II) complexes; sono-photochemical, photochemical and photophysical studies**

- KESER KARAOĞLAN G.
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- IX. **<p>Synthesis of new Schiff base and its Ni(II), Cu(II), Zn(II) and Co(II) complexes; photophysical, fluorescence quenching and thermal studies
</p>**
KESER KARAOĞLAN G.
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- X. **Synthesis of new zinc phthalocyanines including schiff base and halogen; photophysical, photochemical, and fluorescence quenching studies**
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KESER KARAOĞLAN G., Kutlu Ö., ALTINDAL A.
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- XII. **The Synthesis, Characterization, Electrochemical and Spectroelectrochemical Properties of Novel Unsymmetrical Phthalocyanines Containing Naphthoic Acid and Di-tert-butylphenoxy Groups**
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- XIII. **Synthesis, characterization and ethanol sensing properties of carboxylic acid-terminated naphthoxy substituted phthalocyanines**
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- XIV. **Novel carboxylic acid terminated silicon(IV) and zinc(II) phthalocyanine photosensitizers: Synthesis, photophysical and photochemical studies**
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- XV. **Novel homoleptic, dimeric zinc(II) phthalocyanines as gate dielectric for OFET device**
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- XVI. **Synthesis, characterization, fluorescence spectra and energy transfer properties of a novel unsymmetrical zinc phthalocyanine with peripherally coordinated Ru(II) complex**
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- XVII. **Photophysical and photochemical properties of a zinc phthalocyanine with four diphenylborinic ester moieties**
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- XVIII. **Photophysical, Photochemical, and BQ Quenching Properties of Zinc Phthalocyanines with Fused or Interrupted Extended Conjugation**
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- XIX. **Synthesis and Characterization of a New Cyclophosphazene and Its Ruthenium Complex Derived from 1,10-Phenanthroline-5,6-diol**
Karaoglan G., ERDEN İ., DEMİRHAN N.
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- XX. **Structural and Surface Characterization of Newly Synthesized D-pi-D Type Schiff Base Ligand: (1E,2E)-3-[4-(Dimethylamino)phenyl]prop-2-en-1-ylidene)phenylamine**
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- XXI. **A novel phthalocyanine conjugated with four salicylideneimino complexes: Photophysics and fluorescence quenching studies**

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- XXII. **A novel soluble phthalocyanine capable of binding four boronic esters**
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- XXIII. **Synthesis and characterization of novel soluble phthalocyanines with fused conjugated unsaturated groups**
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- XXV. **Surface Characterization of a Novel D-pi-D Type Ligand by IGC at Infinite Dilution**
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- XXVI. **Antioxidative properties of recently synthesised D-Pi-D type Schiff-base ligands**
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- XXVIII. **Synthesis and characterization of a Ni(II) and Cu(I) complexes of Schiff base derived from salicylaldehyde**
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- XXX. **Abilities of Partial Least-Squares (PLS-2) Multivariate Calibration in the Analysis of Quaternary Mixture of Food Colors (E-110, E-122, E-124, E-131)**
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- II. **Bazı Doğal Kaynaklı Antrakinonların Polarografik Davranışları**
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Kitaplar

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Hakemli Bilimsel Toplantılarda Yayımlanmış Bildiriler

I. **Stability and Activity of Water Soluable (tetrakis-([4-(trimethylamino)phenyl]prop-2-en-1-ylideneimino)phenoxy])-phthtalocyaninatozinc(II)) tetraiodide in solution**

Karahan Y., Şakar Daşdan D., Keser Karaođlan G., Gümrükçü Köse G.

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II. **Synthesis and characterization of metallo and metal-free monocarboxy-phthalocyanines**

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III. **(M18-PS7-20113) Synthesis and characterization of novel carboxylic acid terminated silicon (IV) and zinc (II) phthalocyanines**

Hışır A., Gümrükçü Köse G., Keser Karaođlan G.

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IV. **Novel Carboxylic Acid Substituted Silicon and Zinc Phthalocyanine Photosensitizers Photophysicochemical Properties**

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V. **Novel Carboxylic Acid Substitued Silicon and Zinc Phthalocyanine Photosensitizers; Photophysicochemical Properties**

Hışır A., Gümrükçü Köse G., Yaşa Atmaca G., Erdođmuş A., Keser Karaođlan G.

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VI. **The Synthesis and Characterization of Novel Carboxylic Group Substitued Metallophthalocyanines**

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VII. **Synthesis and Characterization of Metallophthalocyanines Containing Carboxylic Group**

KESER KARAOĐLAN G., Hışır A., GÜMRÜKÇÜ KÖSE G.

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VIII. **Synthesis and characterization of a new dimeric zinc phthalocyanine**

GÜMRÜKÇÜ KÖSE G., KESER KARAOĐLAN G., GÖRDÜK S., GÜL A.

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IX. **Synthesis of A Novel Phthalocyanine With Peripherally Coordinated Ru(II) Complex**

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X. **Synthesis and Characterization of a New Phthalocyanine Including Pentanuclear Zinc (II) Complexes**

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XI. **Photophysical, Photochemical and BQ Quenching Properties of Zinc Phthalocyanines with Fused**

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- XII. **Synthesis and Characterization of a new D- π -D Type Schiff Base Ligand**
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- XIII. **Synthesis and Characterization of a Novel Phthalocyanine Conjugated with Four Salicylideneimino Complexes**
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- XIV. **Konjuge Schiff Baz Süstitüe Ftalosiyeninlerin Sentez ve Karakterizasyonu**
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- XV. **Surface Characterization of a Novel D--D Type Ligand by Inverse Gas Chromatography**
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- XVI. **Synthesis and Characterization of a Novel Cationic Water-Soluble Zn Phthalocyanine with Extended Conjugated Groups**
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- XVII. **D- π -D Grupları İçeren Yeni Tip Ligand Sentezi ve Karakterizasyonu**
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- XVIII. **Effects of Emulsifier Type on the Structure of Water-Based Emulsion Polymers**
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- XIX. **Synthesis and Characterization of A New Phosphazene Ligand**
Keser Karaođlan G., Erdođmuş A., Demirhan N.
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- XX. **Synthesis and Characterization of a New Phenanthroline Ligand Containing Phosphazene Group and Investigation of Its Complexes**
Keser Karaođlan G., Erdođmuş A., Demirhan N.
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- XXI. **Abilities of Partial Least Squares (PLS-2) Multivariate Calibration in the Analysis of Quaternary Mixture of Food Dyes (E-110, E-122, E-124, E-131)**
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- XXII. **Potantometric Studies of Copper(II), Nickel(II) and Cobalt(II) Complexes of the 5,6-Bis-(salicylideneiminostearat)-1,10-Phenanthroline**
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- XXIII. **Potantometric Studies of Copper(II), Nickel(II) and Cobalt (II) Complexes of the 5,6-Bis-(salicylideneiminostearat)-1,10-Phenanthroline**
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- XXIV. **D- π -D Grupları İçeren Yeni Tip Ligand Sentezi ve Karakterizasyonu**
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- XXV. **Potantometric Studies of Copper(II), Nickel(II) and Cobalt(II) Complexes of the Bis[4,4'-methyl-**

4,4'(Benzo-15-Crown-5)] 5,6-N-Diamino-1,10-Phenanthronilydene

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XXVI. Synthesis and Characterization of New Schiff Base From 4'-Acetil (Benzo-15-Crown-5)

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XXVII. Pentaoksadiaza Makrohalkası İçeren 1,10-Fenantrolin Türevinin ve Metal komplekslerinin Sentezi, Karakterizasyonu

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XXIX. Diferansiyel Puls Polarografik Yöntemle İnsan Tükürüğünde Nitrit Miktar Tayini

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XIII. Ulusal Kimya Kongresi, Samsun, Türkiye, 31 Ağustos - 04 Eylül 1999, ss.85

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