

Assoc. Prof. Gülnur KESER KARAOĞLAN

Personal Information

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Education Information

Doctorate, Yıldız Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya Bölümü, Turkey 1996 - 2005

Yıldız Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya Bölümü, Turkey Continues

Under Graduate, Yıldız Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya Bölümü, Turkey 1987 - 1991

Dissertations

Doctorate, 1,10 -FENANTROLİN İÇEREN ÇOK DİŞLİ LİGANDLARIN SENTEZİ, METAL KOMPLEKSLERİNİN İNCELENMESİ, Yıldız Technical University, Faculty of Arts & Science, Department of Chemistry, 2005

Post Graduate, Çeşitli Materyallerde Diferansiyel Puls Polarografik Yöntemle Nitrit Miktar Tayini, Yıldız Technical University, Faculty of Arts & Science, 1996

Research Areas

Chemistry, Inorganic Chemistry, Coordination Chemistry, Novel Ligands, Natural Sciences

Academic Titles / Tasks

Associate Professor, Yıldız Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya, 1996 - Continues

Courses

Araştırma Yöntemleri ve Bilimsel Etik, Post Graduate, 2018 - 2019

Genel Kimya2, Under Graduate, 2018 - 2019

Anorganik Kimya Lab. 2, Under Graduate, 2018 - 2019

Deterjanlar, Under Graduate, 2017 - 2018

KOZMETİK KİMYASIVE ÜRETİMİ, Under Graduate, 2018 - 2019

Genel Kimya 1, Under Graduate, 2018 - 2019

Anorganik Kimya Lab1, Under Graduate, 2018 - 2019

Genel Kimya 2, Under Graduate, 2017 - 2018

Ftalosiyanimler ve Uygulamaları , Post Graduate, 2017 - 2018

Kozmetik Kimyası, Under Graduate, 2015 - 2016

Anorganik Kimya III, Under Graduate, 2013 - 2014

Makrosiklik Bileşikler Kimyası, Doctorate, 2012 - 2013, 2013 - 2014

Advising Theses

Keser Karaoğlan G., SYNTHESIS OF PHTHALOCYANINES WITH UNSATURATED CARBOXYLIC ACID SUBSTITUENTS AND INVESTIGATION OF THEIR PROPERTIES AFTER DOPING ON NANO TITANIUMDIOXIDE

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Synthesis, characterization and ethanol sensing properties of carboxylic acid-terminated naphthoxy substituted phthalocyanines**
ISIK S. N. , KARAOGLAN G., OMUR B., ALTINDAL A., KOSE G.
SYNTHETIC METALS, vol.246, pp.7-15, 2018 (Journal Indexed in SCI)
- **Novel carboxylic acid terminated silicon(IV) and zinc(II) phthalocyanine photosensitizers: Synthesis, photophysical and photochemical studies**
Hışır A., Kose G., Atmaca G., Erdoğan A., Karaoglan G.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, vol.22, pp.1010-1021, 2018 (Journal Indexed in SCI)
- **Novel homoleptic, dimeric zinc(II) phthalocyanines as gate dielectric for OFET device**
Karaoglan G., Gümrukcu G., GÖRDÜK S., CAN N., Gül A.
Synthetic Metals, vol.230, pp.7-11, 2017 (Journal Indexed in SCI)
- **Synthesis, characterization, fluorescence spectra and energy transfer properties of a novel unsymmetrical zinc phthalocyanine with peripherally coordinated Ru(II) complex**
Ceylan N., Gumrukcu G., Karaoglan G., Gül A.
SYNTHETIC METALS, vol.206, pp.55-60, 2015 (Journal Indexed in SCI)
- **Photophysical and photochemical properties of a zinc phthalocyanine with four diphenylborinic ester moieties**
Özçelik Ş., Karaoglan G., Gumrukcu G., ERDOĞMUŞ A., Gül A.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.769, pp.17-23, 2014 (Journal Indexed in SCI)
- **Photophysical, Photochemical, and BQ Quenching Properties of Zinc Phthalocyanines with Fused or Interrupted Extended Conjugation**
Gumrukcu G., Karaoglan G., ERDOĞMUŞ A., Gül A., Avciata U.
JOURNAL OF CHEMISTRY, 2014 (Journal Indexed in SCI)
- **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.
ASIAN JOURNAL OF CHEMISTRY, vol.25, pp.4925-4928, 2013 (Journal Indexed in SCI)
- **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**
Gumrukcu G., Garikyan S., Karaoglan G., Sakar D.
JOURNAL OF CHEMISTRY, 2013 (Journal Indexed in SCI)
- **A novel phthalocyanine conjugated with four salicylideneimino complexes: Photophysics and fluorescence quenching studies**
Gumrukcu G., Karaoglan G., ERDOĞMUŞ A., Gül A., Avciata U.
DYES AND PIGMENTS, vol.95, pp.280-289, 2012 (Journal Indexed in SCI)
- **A novel soluble phthalocyanine capable of binding four boronic esters**
Özçelik Ş., Karaoglan G., Gumrukcu G., Gül A.
TURKISH JOURNAL OF CHEMISTRY, vol.36, pp.899-906, 2012 (Journal Indexed in SCI)
- **Synthesis and characterization of novel soluble phthalocyanines with fused conjugated unsaturated groups**
Karaoglan G., Gumrukcu G., KOCA A., Gül A., Avciata U.
DYES AND PIGMENTS, vol.90, pp.11-20, 2011 (Journal Indexed in SCI)
- **The synthesis, characterization, electrochemical and spectroelectrochemical properties of a novel, cationic, water-soluble Zn phthalocyanine with extended conjugation**
Karaoglan G., Gumrukcu G., KOCA A., Gül A.
DYES AND PIGMENTS, vol.88, pp.247-256, 2011 (Journal Indexed in SCI)
- **Surface Characterization of a Novel D-pi-D Type Ligand by IGC at Infinite Dilution**
Karaoglan G., Sakar D.
CHROMATOGRAPHIA, vol.73, pp.93-98, 2011 (Journal Indexed in SCI)

- **Antioxidative properties of recently synthesised D-Pi-D type Schiff-base ligands**
Karaoglan G., Kiyamaz N., ERDEN İ., PEKSEL A.
JOURNAL OF CHEMICAL RESEARCH, pp.340-343, 2010 (Journal Indexed in SCI)
- **Synthesis and Characterization of New D-pi-D Type Schiff Base Ligands**
Karaoglan G., ERDEN İ., Avciata U.
POLISH JOURNAL OF CHEMISTRY, vol.83, pp.1147-1152, 2009 (Journal Indexed in SCI)
- **Synthesis and characterization of a Ni(II) and Cu(I) complexes of Schiff base derived from salicylaldehyde**
DEMİRHAN N., KARAOĞLAN G., AYDIN S.
ASIAN JOURNAL OF CHEMISTRY, vol.20, pp.2367-2372, 2008 (Journal Indexed in SCI)
- **DETERMINATION OF ANTHOCYANINS IN SOME VEGETABLES AND FRUITS BY DERIVATIVE SPECTROPHOTOMETRIC METHOD**
Sakar D., Karaoglan G., Gumrukcu G., Ozgur M.
REVIEWS IN ANALYTICAL CHEMISTRY, vol.27, pp.235-249, 2008 (Journal Indexed in SCI)
- **Synthesis and characterisation of a new Schiff base and its metal complexes**
Karaoglan G., Avciata U., Guel A.
INDIAN JOURNAL OF CHEMISTRY SECTION A-INORGANIC BIO-INORGANIC PHYSICAL THEORETICAL & ANALYTICAL CHEMISTRY, vol.46, pp.1273-1276, 2007 (Journal Indexed in SCI)

Articles Published in Other Journals

- **Nitrite Determination by the Differential Pulse Polarographic Method**
Keser Karaoğlan G.
Sigma Journal of Engineering and Natural Sciences, vol.23, pp.130-136, 2005 (Journal Indexed in ESCI)
- **Polarographic Behaviours of Some Naturally Occuring Anthraquinones**
Keser Karaoğlan G., Aycan Ş., İslimyeli S., İmre S.
Celal Bayar University Journal of Science and Arts Faculty The Series of Natural Science (Chemistry), pp.164-166, 1998 (National Refreed University Journal)

Books & Book Chapters

- **Synthesis and Characterization of New Type Soluble Porphyrzine Containing 1-Bromo-3-Methylbutan Group and Investigation of Its Complexes**
Erdoğmuş A., Keser Karaoğlan G., Avciata U., Gül A.
in: INNOVATIONS IN CHEMICAL BIOLOGY, Bilge Sener, Editor, Springer, London/Berlin , Dordrecht, pp.375-381, 2009

Refereed Congress / Symposium Publications in Proceedings

- **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 Karaoğlan G., Gümrükçü Köse G.
21 st JCF Frühjahrssymposium and 2nd European Young Chemists' Meeting, Bremen, Germany, 20 - 23 March 2019, pp.26
- **(M18-PS7-20113) Synthesis and characterization of novel carboxylic acid terminated silicon (IV) and zinc (II) phthalocyanines**
Hışır A., GÜMRÜKÇÜ KÖSE G., KESER KARAOĞLAN G.
1st International Balkan Chemistry Congress, Edirne, Turkey, 17 September 2018, pp.189
- **Synthesis and characterization of metallo and metal-free monocarboxy-phthalocyanines**
NECCAROĞLU İŞİK S., KESER KARAOĞLAN G., GÜMRÜKÇÜ KÖSE G.
1ST INTERNATIONAL BALKAN CHEMISTRY CONGRESS IBCC-2018, Edirne, Turkey, 17 September 2018,

- **Novel Carboxylic Acid Substitued Silicon and Zinc Phthalocyanine Photosensitizers; Photophysical Properties**
Hışır A., Gümrükçü Köse G., Yaşa Atmaca G., Erdoğan A., Keser Karaoğlan G.
Third GTU Photodynamic Day, Kocaeli, Turkey, 09 May 2018, pp.18
- **The Synthesis and Characterization of Novel Carboxylic Group Substitued Metallophthalocyanines**
GÜMRÜKÇÜ KÖSE G., Neccaroğlu Işık S., KESER KARAOĞLAN G.
20th JCF-Frühjahrssymposium Congress, Konstanz, Germany, 21 March 2018, pp.158
- **Synthesis and Characterization of Metallophthalocyanines Containing Carboxylic Group**
KESER KARAOĞLAN G., Hışır A., GÜMRÜKÇÜ KÖSE G.
20. Frühjahrssymposium JungChemikerForum, Konstanz, Germany, 21 March 2018, pp.181
- **Synthesis and characterization of a new dimeric zinc phthalocyanine**
GÜMRÜKÇÜ KÖSE G., KESER KARAOĞLAN G., GÖRDÜK S., GÜL A.
19. JCF-Frühjahrssymposium, Mainz, Germany, 29 March - 01 April 2017, pp.110
- **Synthesis of A Novel Phthalocyanine With Peripherally Coordinated Ru(II) Complex**
Gümrükçü Köse G., Keser Karaoğlan G., Kemikli N., Gül A.
All in One Conferences, Dubai, United Arab Emirates, 24 - 28 March 2015, pp.78
- **Photophysical, Photochemical and BQ Quenching Properties of Zinc Phthalocyanines with Fused Extended Conjugation**
Gümrükçü Köse G., Keser Karaoğlan G., Erdoğan A., Gül A., Avcıata U.
15th JCF-Frühjahrssymposium Congress, Berlin, Germany, 6 - 09 March 2013, pp.214
- **Synthesis and Characterization of a New Phthalocyanine Including Pentanuclear Zinc (II) Complexes**
Keser Karaoğlan G., Gümrükçü Köse G., Erdoğan A., Gül A., Avcıata U.
15th JCF-Frühjahrssymposium Congress, Berlin, Germany, 6 - 09 March 2013, pp.235
- **Synthesis and Characterization of a new D- π -D Type Schiff Base Ligand**
Gümrükçü Köse G., Garikyan S., Keser Karaoğlan G., Şakar Daşdan D.
Chemical Physics X, Ankara, Turkey, 10 - 12 October 2012, pp.114
- **Synthesis and Characterization of a Novel Phthalocyanine Conjugated with Four Salicyldeneimino Complexes**
Keser Karaoğlan G., Gümrükçü Köse G., Erdoğan A., Gül A., Avcıata U.
12th Eurasia Conference on Chemical Sciences EuAsC2S-12, Athens, Greece, 16 - 21 April 2012, pp.4
- **Konjuge Schiff Baz Süstitüe Ftalosiyeninlerin Sentez ve Karakterizasyonu**
Keser Karaoğlan G., Gümrükçü Köse G., Koca A., Gül A., Avcıata U.
III. Ulusal Anorganik Kimya Kongresi, Çanakkale, Turkey, 19 - 22 May 2011, pp.154
- **Surface Characterization of a Novel D-D Type Ligand by Inverse Gas Chromatography**
Şakar Daşdan D., Keser Karaoğlan G.
IX. Chemical Physics, İstanbul, Turkey, 22 - 26 December 2010, pp.126
- **Synthesis and Characterization of a Novel Cationic Water-Soluble Zn Phthalocyanine with Extended Conjugated Groups**
Keser Karaoğlan G., Gümrükçü Köse G., Koca A., Gül A.
3rd EuCheMS Chemistry Congress, Nuremberg, Germany, 29 August - 02 September 2010, pp.30
- **D- π -D Gruları İçeren Yeni Tip Ligand Sentezi ve Karakterizasyonu**
Keser Karaoğlan G., Erden İ., Avcıata U.
XXII. National Chemistry Congress, Gazimagusa, Cyprus (Kktc), 6 - 10 October 2008, pp.97
- **Effects of Emulsifier Type on the Structure of Water-Based Emulsion Polymers**
Gümrükçü Köse G., Keser Karaoğlan G., Saraç A.
8th Austrian Polymer Meeting (The Chain of Knowledge From Catalyst to Application), Linz, Austria, 20 - 22 September 2006, pp.69
- **Synthesis and Characterization of a New Phenanthroline Ligand Containing Phosphazene Group and Investigation of Its Complexes**
Keser Karaoğlan G., Erdoğan A., Demirhan N.
9th Eurasia Conference on Chemical Sciences (EuAS C2S-9), Antalya, Turkey, 9 - 13 September 2006, pp.186
- **Synthesis and Characterization of A New Phosphazene Ligand**

Keser Karaođlan G., Erdođmuş A., Demirhan N.

9th Eurasia Conference on Chemical Sciences (EuAS C2S-9), Antalya, Turkey, 9 - 13 September 2006, pp.187

- **Synthesis and Characterization of New Type Soluble Porphyrzine Containing 1-Bromo-3-Methylbutan Group and Investigation of Its Complexes**
Erdođmuş A., Keser Karaođlan G., Avciata U., Gül A.
9th Eurasia Conference on Chemical Sciences (EuAS C2S-9), Antalya, Turkey, 9 - 13 September 2006, pp.188
- **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)**
Keser Karaođlan G., Gümrukçü Köse G., Özgür M., Bozdođan A. E.
3rd Black Sea Basin Conference on Analytical Chemistry, Constanta, Romania, 12 - 14 September 2005, pp.143
- **Potantometric Studies of Copper(II), Nickel(II) and Cobalt (II) Complexes of the 5,6-Bis-(salicylideneiminostearat)-1,10-Phenanthroline**
Keser Karaođlan G., Avciata U., Demirhan N.
4th Aegean Analytical Chemistry Days, İzmir, Turkey, 29 September - 03 October 2004, pp.114
- **Potantometric Studies of Copper(II), Nickel(II) and Cobalt(II) Complexes of the 5,6-Bis-(salicylideneiminostearat)-1,10-Phenanthroline**
Keser Karaođlan G., Avciata U., Demirhan N.
4th Aegean Analytical Chemistry Days, Aydın, Turkey, 29 September - 03 October 2004, pp.457-459
- **D-n-D Grupları İçeren Yeni Tip Ligand Sentezi ve Karakterizasyonu**
Keser Karaođlan G., Avciata U., Demirhan N., Gül A.
XXII. National Chemistry Congress, Kars, Turkey, 5 - 09 July 2004, pp.340
- **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**
Keser Karaođlan G., Demirhan N., Erden İ., Avciata U.
The Fifth International Conference on Chemical Physics, İstanbul, Turkey, 31 October - 01 November 2002, pp.120
- **Synthesis and Characterization of New Schiff Base From 4'-Acetil (Benzo-15-Crown-5)**
Demirhan N., Keser Karaođlan G., Avciata U.
Mustafa Kemal University International Organic Chemistry Meeting, Hatay, Turkey, 25 - 28 March 2002, pp.43
- **Pentaoksadiaza Makrohalkası İçeren 1,10-Fenantrolin Türevinin ve Metal komplekslerinin Sentezi, Karakterizasyonu**
Keser Karaođlan G., Demirhan N., Avciata U., Gül A.
XV.Ulusal Kimya Kongresi, Boğaziçi Üniversitesi, İstanbul, Turkey, 4 - 07 September 2001, pp.52
- **1,10-Fenantrolin İçeren Çok Dişli Ligandların Sentezi ve Karakterizasyonu**
Keser Karaođlan G., Demirhan N., Avciata U., Gül A.
XIV.Ulusal Kimya Kongresi, Diyarbakır, Turkey, 10 - 15 September 2000, pp.399
- **Diferansiyel Puls Polarografik Yöntemle İnsan Tükürüğünde Nitrit Miktar Tayini**
Keser Karaođlan G., İslimyeli S.
XIII. Ulusal Kimya Kongresi, Samsun, Turkey, 31 August - 04 September 1999, pp.85

Supported Projects

KESER KARAOĐLAN G., HIŞIR A., Project Supported by Higher Education Institutions, ÖZEL GRUPLU FTALOSİYANİN SENTEZİ, NANO TiO₂ İLE DOPLAMA YAPILARAK ÖZELLİKLERİNİN İNCELENMESİ, 2016 - 2019

GÜMRÜKÇÜ KÖSE G., ERDOĐMUŞ A., AVCIATA U., KESER KARAOĐLAN G., Project Supported by Higher Education Institutions, Dimerik Ftalosiyanın Sentez ve Karakterizasyonu, 2015 - 2017

KESER KARAOĐLAN G., Project Supported by Higher Education Institutions, Schiff Bazi Sübstitüe Yeni Tip Asimetrik Ftalosiyanın Türevlerinin Sentezi, Karakterizasyonu Ve Bazı Özelliklerinin İncelenmesi, 2012 - 2014

KESER KARAOĐLAN G., Project Supported by Higher Education Institutions, Yeni Ftalosiyanınlerin ve Lutesyum Komplekslerinin Sentezi ve Karakterizasyonu., 2008 - 2011

Citations

Total Citations (WOS):227

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