

Prof. Dr. Zerrin Heren

Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Ondokuz Mayıs Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Dr), Türkiye 1990 - 1996

Yüksek Lisans, Ondokuz Mayıs Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Yl) (Tezli), Türkiye 1987 - 1989

Lisans, İstanbul Üniversitesi-Cerrahpaşa, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Türkiye 1978 - 1985

Yabancı Diller

İngilizce, B2 Orta Üstü

Yaptığı Tezler

Doktora, Katkılı çimento pastalarının gözenek dağılımı ve dayanım ilişkileri, Ondokuz Mayıs Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Dr), 1996

Akademik Unvanlar / Görevler

Prof. Dr., Ondokuz Mayıs Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2013 - Devam Ediyor

Prof. Dr., Ondokuz Mayıs Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2013 - Devam Ediyor

Doç. Dr., Ondokuz Mayıs Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2007 - 2013

Araştırma Görevlisi, Ondokuz Mayıs Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 1985 - 1998

Verdiği Dersler

ENDÜSTRİYEL KİMYA II, Lisans, 2013 - 2014

IR SPEKTROSKOPİSİ, Doktora, 2013 - 2014

ANORGANİK KİMYA LAB., Lisans, 2013 - 2014

BİLİM TARİHİ, Lisans, 2012 - 2013

ANORGANİK KİMYA II, Lisans, 2012 - 2013

ANORGANİK KİMYA I, Lisans, 2012 - 2013

ENDÜSTRİYEL KİMYA I, Lisans, 2012 - 2013

KOROZYON KİMYASI, Lisans, 2011 - 2012

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

1. Synthesis, characterization, crystal structure, Hirshfeld surface analysis and spectroscopic

properties of bis(5-aminoisophthalato) bispicolinecopper (II)

Erdogmus G., DEMİRCİOĞLU Z., HEREN Z., Topcu Y., Buyukgungor O.

JOURNAL OF MOLECULAR STRUCTURE, cilt.1206, 2020 (SCI-Expanded)

- II. **Diaquabis(5-methoxyindole-2-carboxylato)bis(3-picoline)nickel(II) Complex: Synthesis, Characterization, XRD, TGA, DFT and HSA**
Cebe D., HEREN Z., DEMİRCİOĞLU Z., Buyukgungor O.
MOLECULAR CRYSTALS AND LIQUID CRYSTALS, cilt.667, sa.1, ss.112-125, 2018 (SCI-Expanded)
- III. **One-pot New Barbituric Acid Derivatives Derived from the Reaction of Barbituric Acids with BrCN and Ketones**
Hosseini Y., Rastgar S., HEREN Z., Buyukgungor O., Pesyan N. N.
JOURNAL OF THE CHINESE CHEMICAL SOCIETY, cilt.58, sa.3, ss.309-318, 2011 (SCI-Expanded)
- IV. **Crystal structures, thermal, spectroscopic properties and DFT/TD-DFT based investigation of [M(bba)(2)(phen)] (M = Cu and Zn, bba=2-benzoylbenzoato, phen=1,10-phenanthroline)**
ÇAĞLAR S., Demir S., HEREN Z., Buyukgungor O.
POLYHEDRON, cilt.30, sa.8, ss.1389-1395, 2011 (SCI-Expanded)
- V. **Synthesis, crystal structures, thermal, and spectroscopic properties of four new metal(II) (M = Co, Ni, Cu, Hg) complexes of 2-benzoylbenzoate with 3-picoline**
Çağlar S., Heren Z., Buyukgungor O.
JOURNAL OF COORDINATION CHEMISTRY, cilt.64, sa.15, ss.2706-2717, 2011 (SCI-Expanded)
- VI. **Synthesis, Characterization, and Crystal Structures of a Novel [Zn-3(bba)(6)(3-pic)(2)] Complex (bba=2-Benzoylbenzoat, 3-pic=3-Picoline)**
ÇAĞLAR S., HEREN Z., Yildirim M. H.
SYNTHESIS AND REACTIVITY IN INORGANIC METAL-ORGANIC AND NANO-METAL CHEMISTRY, cilt.41, sa.8, ss.1022-1027, 2011 (SCI-Expanded)
- VII. **Synthesis, thermal and spectroscopic properties, and crystal structures of [Co(bba)(2)(H2O)(phen)] and [Ni(bba)(2)(H2O)(butOH)(phen)] (bba=2-benzoylbenzoate, phen=1,10-phenanthroline, butOH = butanol)**
ÇAĞLAR S., HEREN Z., Buyukgungor O.
JOURNAL OF COORDINATION CHEMISTRY, cilt.64, sa.7, ss.1289-1298, 2011 (SCI-Expanded)
- VIII. **trans-Bis(2-benzoylbenzoato-kappa O-1)bis(ethanol-kappa O)bis(1H-imidazole-kappa N-3)nickel(II)**
HEREN Z., Pasaoglu H., Yildirim M. H., Hira D.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, cilt.65, 2009 (SCI-Expanded)
- IX. **Bis(benzimidazole-kappa N-3)bis(2-benzoylbenzoato-kappa O)copper(II)**
Yildirim M. H., HEREN Z., Pasaoglu H., Hira D., Buyukgungor O.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, cilt.65, 2009 (SCI-Expanded)
- X. **Synthesis, Spectrothermal and Structural Characterization of Saccharinatobis(tris-hydroxymethylaminomethane)zinc(II) saccharinate Complex, [Zn(sac)(tham)(2)](sac)**
Pasaoglu H., HEREN Z., Kastas G., Akdag K.
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, cilt.65, 2009 (SCI-Expanded)
- XI. **Synthesis, Spectroscopic and Structural Characterization Of Bis(Benzimidazole-kappa N-3) Bis(2-Benzoylbenzoato-kappa O)Copper(II)**
HEREN Z., Pasaoglu H., Yildirim M. H.
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, cilt.65, 2009 (SCI-Expanded)
- XII. **cis-bis(butylamine-kappa N)bis[sulfa-diazine(1-)-kappa N-2,N ']copper(II) pentahydrate**
Pasaoglu H., Kastas G., HEREN Z., Buyukgungor O.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, cilt.64, 2008 (SCI-Expanded)
- XIII. **Synthesis, spectrothermal and structural characterization of saccharinatobis(tris-hydroxymethylaminomethane)zinc(II)saccharinate complex, [Zn(sac)(tham)2](sac)**
HEREN Z., Paşaoğlu H., Kaştas G., Akdağ K.
Zeitschrift fur Anorganische und Allgemeine Chemie, cilt.634, sa.11, ss.1933-1936, 2008 (SCI-Expanded)
- XIV. **An EPR study of Cu(2+) ions in [Zn(picol)(2)(H2O)(2)]center dot 2H(2)O single crystals**

Karabulut B., Duezguen F., Keser C., Heren Z.

PHYSICA B-CONDENSED MATTER, cilt.396, sa.1-2, ss.8-11, 2007 (SCI-Expanded)

- XV. **Synthesis, spectral and thermal studies, and crystal structure of cis-bis(4-methylimidazole)bis(picinato)copper(II) [Cu(pic)(2)(4-MeIm)(2)]**
Heren Z., Keser C., Ersanli C. C., YEŞİLEL O. Z., Ocak N.
ZEITSCHRIFT FUR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, cilt.61, sa.10, ss.1217-1221, 2006 (SCI-Expanded)
- XVI. **Synthesis, spectral and thermal studies, and crystal structure of cis-bis(imidazole)bis(picinato)copper(II) dihydrate [Cu(pic)(2)(im)(2)] center dot 2H(2)O**
Heren Z., Keser C., Ersanli C. C., YEŞİLEL O. Z., Buyukgungor O.
ZEITSCHRIFT FUR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, cilt.61, sa.9, ss.1072-1078, 2006 (SCI-Expanded)
- XVII. **Synthesis, spectroscopic and structural investigation of ZnI2(nicotinamide)(2), ZnI2(isonicotinamide)(2) and [Zn(H2O)(2)(picolinamide)(2)]I-2**
Pasaoglu H., Guven S., Heren Z., Buyukgungor O.
JOURNAL OF MOLECULAR STRUCTURE, cilt.794, sa.1-3, ss.270-276, 2006 (SCI-Expanded)
- XVIII. **Butylammonium sulfadiazinate monohydrate**
Heren Z., Pasaoglu H., Kastan G.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, cilt.62, 2006 (SCI-Expanded)
- XIX. **Synthesis, spectral and thermal properties, and crystal structure of bis(ethylenediamine)(aqua)copper(II) (bis)syringate ethylenediamine dihydrate [Cu(en)(2)(H2O)](sy)(2)(en)(H2O)(2)**
Heren Z., Pasaoglu H., Kastan G., Vurucu L., Buyukgungor O.
ZEITSCHRIFT FUR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, cilt.61, sa.3, ss.287-291, 2006 (SCI-Expanded)
- XX. **The novel polymeric complex of manganese(II) with picolinic acid, [Mn(pic)(2)](n), a new coordination mode for picolinic acid**
Heren Z., Pasaoglu H., Kastan G., Keser C., YEŞİLEL O. Z., Buyukgungor O.
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.632, sa.8-9, ss.1578-1581, 2006 (SCI-Expanded)
- XXI. **Synthesis, spectral and thermal studies, and crystal structure of cis-bis(4-methylimidazole)bis(picinato)copper(II) [Cu(pic)2(4-MeIm) 2]**
HEREN Z., Keser C., Ersanli C. C., YEŞİLEL O. Z., Ocak N.
Zeitschrift fur Naturforschung - Section B Journal of Chemical Sciences, cilt.61, sa.10, ss.1217-1221, 2006 (SCI-Expanded)
- XXII. **Synthesis, spectral and thermal studies, and crystal structure of cis-bis(imidazole)bis(picinato)copper(II) dihydrate [Cu(pic) 2(im)2]·2H2O**
HEREN Z., Keser C., Ersanli C. C., YEŞİLEL O. Z., Büyükgüngör O.
Zeitschrift fur Naturforschung - Section B Journal of Chemical Sciences, cilt.61, sa.9, ss.1072-1078, 2006 (SCI-Expanded)
- XXIII. **Synthesis, spectral and thermal properties, and crystal structure of bis(ethylenediamine)(aqua)copper(II) (bis)syringate ethylenediamine dihydrate[Cu(en)2(H2O)](sy)2(en)(H 2O)2**
HEREN Z., Paşaoğlu H., Kaştan G., Vurucu L., Büyükgüngör O.
Zeitschrift fur Naturforschung - Section B Journal of Chemical Sciences, cilt.61, sa.3, ss.287-291, 2006 (SCI-Expanded)
- XXIV. **Analysis of triethanolamine in trass cement pastes by voltammetric methods**
Menek N., HEREN Z.
Cement and Concrete Research, cilt.30, sa.10, ss.1615-1617, 2000 (SCI-Expanded)
- XXV. **Analysis of triethanolamine in white cement pastes by voltammetric methods**
Menek N., HEREN Z.
Cement and Concrete Research, cilt.29, sa.5, ss.777-779, 1999 (SCI-Expanded)
- XXVI. **Thermal behaviour of some azo dyes containing sterically hindered and water-soluble groups**

Kocaokutgen H., HEREN Z.

Turkish Journal of Chemistry, cilt.22, sa.4, ss.403-408, 1998 (SCI-Expanded)

XXVII. The influence of ethanolamines on the surface properties of Portland cement pastes

HEREN Z., Ölmez H.

Cement and Concrete Research, cilt.27, sa.6, ss.805-809, 1997 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

I. The influence of ethanolamines on the hydration and mechanical properties of Portland cement

HEREN Z., Ölmez H.

Cement and Concrete Research, cilt.26, sa.5, ss.701-705, 1996 (Scopus)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. Synthesis, Crystal Structure, Thermal and Spectroscopic Properties of New Mn (II) Complex of 5-aminoisophtalic Acid with 4-picoline

Tolan A., Özdemir A., Erdoğan G., TOPCU Y., İÇBUDAK H., HEREN Z.

International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), Ankara, Türkiye, 26 - 27 Nisan 2018, ss.935

II. Synthesis, thermal, spectroscopic and structural studies of lithium acesulfamate hydrate

RAKHİMBAYEVA A., HEREN Z., DEGE N., İÇBUDAK H.

4th International Turk-Pak Conference on Chemical Sciences, 26 - 28 Ekim 2017

III. An EPR study of Cu²⁺ ions in [Zn(picol)₂(H₂O)₂]-2H₂O single crystals.

KARABULUT B., ÖZTÜRK F., KESER C., HEREN Z.

XXVIII. European Congress on Molecular Spectroscopy, İstanbul, Türkiye, 03 Eylül 2006

Desteklenen Projeler

Heren Z., Yükseköğretim Kurumları Destekli Proje, 5-metoksiindol-2-karboksilik asit karışık ligantlı Zn(II)

komplekslerinin sentezi, spektroskopik, kristallografik, antioksidan ve antibakteriyel özellikleri, 2019 - Devam Ediyor