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Eğitim Bilgileri

Doktora, Bursa Uludağ Üniversitesi, FEN-EDEBİYAT FAKÜLTESİ, KİMYA, Türkiye 2004 - 2010

Yüksek Lisans, Bursa Uludağ Üniversitesi, FEN-EDEBİYAT FAKÜLTESİ, KİMYA, Türkiye 2000 - 2003

Lisans, Bursa Uludağ Üniversitesi, FEN-EDEBİYAT FAKÜLTESİ, Kimya Bölümü, Türkiye 1995 - 1999

Araştırma Alanları

Biyoinorganik Kimya, Koordinasyon Kimyası, Yeni Ligandlar

Akademik İdari Deneyim

Merkez Müdür Yardımcısı, Bursa Uludağ Üniversitesi, U.Ü.Balkan Uygulama ve Araştırma Merkezi (BALKAM), 2022 - Devam Ediyor

Yönetilen Tezler

Mutlu Gençkal H., 2,2'-BİPİRİDİN TÜREVLERİ İÇEREN KARIŞIK LİGANDLI FLAVONOİD-BAKIR(II) KOMPLEKSLERİNİN SENTEZİ VE YAPISAL KARAKTERİZASYONU, Yüksek Lisans, N.Yücel(Öğrenci), 2023

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- The Mechanism for Anticancer and Apoptosis-Inducing Properties of Cu(II) Complex with Quercetin and 1,10-Phenanthroline**
Done G., Arı F., Akgün O., Akgün H., Cevatemre B., Mutlu Gençkal H.
CHEMISTRYSELECT, cilt.7, sa.38, ss.1-10, 2022 (SCI-Expanded)
- New heteroleptic Cu(II) complexes of chrysin with 2,2-bipyridine and substituted 1,10-phenanthrolines: Synthesis, characterization, thermal stability and antioxidant activity**
MUTLU GENÇKAL H.

JOURNAL OF MOLECULAR STRUCTURE, cilt.1209, 2020 (SCI-Expanded)

- III. **Mixed ligand complexes of Co(II), Ni(II) and Cu(II) with quercetin and diimine ligands: synthesis, characterization, anti-cancer and anti-oxidant activity**
Mutlu Gençkal H., Erkisa M., Alper P., Şahin S., Ulukaya E., Arı F.
JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY, cilt.25, sa.1, ss.161-177, 2020 (SCI-Expanded)
- IV. **Synthesis, characterization, anticancer and antioxidant activity of new nickel(II) and copper(II) flavonoid complexes**
Alper P., Erkisa M., Mutlu Gençkal H., Şahin S., Ulukaya E., Arı F.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1196, ss.783-792, 2019 (SCI-Expanded)
- V. **Binary and ternary new water soluble copper(II) complexes of L-tyrosine and substituted 1,10-phenanthrolines: Effect of substitution on DNA interactions and cytotoxicities**
Inci D., Aydın R., Vatan Ö., Yılmaz D., Mutlu Gençkal H., Zorlu Y., Çavaş T.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.145, ss.313-324, 2015 (SCI-Expanded)
- VI. **New water-soluble copper (II) complexes including 4,7-dimethyl-1,10-phenanthroline and L-tyrosine: Synthesis, characterization, DNA interactions and cytotoxicities**
Inci D., Aydın R., Yılmaz D., Mutlu Gençkal H., Vatan Ö., Çinkılıç N., Zorlu Y.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.136, ss.761-770, 2015 (SCI-Expanded)
- VII. **Synthesis, characterisation, and equilibrium studies of 1-(2-ethyl-1,2,3,4-tetrahydro-quinazolin-2-yl)-ethanone oxime and the copper(II) complex of its open-chain tautomer**
Mutlu Gençkal H., Inci D., Aydın R., Irez G.
RUSSIAN JOURNAL OF GENERAL CHEMISTRY, cilt.84, sa.11, ss.2240-2247, 2014 (SCI-Expanded)
- VIII. **Syntheses, Structural Characterization, and Thermal Properties of New 1,2,3,4-Tetrahydroquinazoline Ligands and Their Co(III) Complexes**
Genckal H., Pazarli N., Irez G.
SYNTHESIS AND REACTIVITY IN INORGANIC METAL-ORGANIC AND NANO-METAL CHEMISTRY, cilt.44, sa.5, ss.627-633, 2014 (SCI-Expanded)
- IX. **A New Cyclic Ligand and Complexes of Its Open-Chain Tautomer With Co(III) and Ni(II) Ions: Synthesis, Characterization and Thermal Properties**
Sirikci G., Genckal H., Irez G.
SYNTHESIS AND REACTIVITY IN INORGANIC METAL-ORGANIC AND NANO-METAL CHEMISTRY, cilt.43, sa.9, ss.1139-1145, 2013 (SCI-Expanded)
- X. **2-(Naphthalen-2-yl)-1,2,3,4-tetrahydroquinazoline-2-carbaldehy de Oxime and Co(III) and Ni(II) Complexes of Tridentate Ligand Containing Oxime, Imine and Amine Donor Groups: Syntheses, Characterisation and Thermal Properties**
Sirikci G., Irez G., Mutlu Gençkal H.
ACTA CHIMICA SLOVENICA, cilt.59, sa.4, ss.904-911, 2012 (SCI-Expanded)
- XI. **Syntheses and characterizations of a novel 1,2,3,4-tetrahydroquinazoline and a Co(III) complex**
Mutlu H., Irez G., Colak A. T., Yilmaz F.
JOURNAL OF COORDINATION CHEMISTRY, cilt.65, sa.12, ss.2192-2200, 2012 (SCI-Expanded)
- XII. **A Novel Reaction of alpha-Carbonyl Oxime and Amido Alcohol: Synthesis, Characterization, Crystal Structure, and Thermal Studies of an Amido Alcohol, a New Oximino Alcohol Ligand, and its Metal Complexes**
Kaya Y., Irez G., Mutlu Gençkal H., Büyükgüngör O.
SYNTHESIS AND REACTIVITY IN INORGANIC METAL-ORGANIC AND NANO-METAL CHEMISTRY, cilt.41, sa.7, ss.754-762, 2011 (SCI-Expanded)
- XIII. **Synthesis, Characterization and Thermal Studies of a New Imine-oxime Ligand and its Cu²⁺, Ni²⁺, Co³⁺ and Zn²⁺ Complexes**
Kaya Y., Irez G., Mutlu Gençkal H.
ASIAN JOURNAL OF CHEMISTRY, cilt.22, sa.3, ss.1813-1821, 2010 (SCI-Expanded)

- XIV. **A Co(III) complex with a tridentate amine-imine-oxime ligand from 1,2,3,4-tetrahydroquinazoline: synthesis, crystal structure, spectroscopic and thermal characterization**
ÇOLAK A. T., Irez G., MUTLU GENÇKAL H., HÖKELEK T., Caylak N.
JOURNAL OF COORDINATION CHEMISTRY, cilt.62, sa.6, ss.1005-1014, 2009 (SCI-Expanded)
- XV. **Synthesis and Characterization of New Tridentate Iminooxime Ligands and Their Co(III) Complexes**
Mutlu Gençkal H., Irez G.
TURKISH JOURNAL OF CHEMISTRY, cilt.32, sa.6, ss.731-741, 2008 (SCI-Expanded)
- XVI. **Potentiometric and spectroscopic studies on nickel(II) 1,4,7,10-tetraazacyclododecane complexation and thermodynamic aspects**
Mutlu H., Aydın R., Ozer U.
ASIAN JOURNAL OF CHEMISTRY, cilt.19, sa.1, ss.607-615, 2007 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Bakır(II) iyonunun 5,7-dihidroksiflavon ve sübtitue 2,2'-bipiridin ile yeni bir karışık ligand kompleksi**
Mutlu Gençkal H.
Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, cilt.25, sa.2, ss.701-709, 2023 (Hakemli Dergi)
- II. **Bis{3-(2-amino-benzilimino)-pentan-2-on oksimato}kobalt(III) sakkarinat monohidrat kompleksinin sentezi, karakterizasyonu ve teermal özellikleri**
Mutlu Gençkal H.
Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, cilt.20, sa.1, ss.121-131, 2018 (Hakemli Dergi)
- III. **Uv-Vis Spectra and Fluorescence Properties of Two Iminooxime Ligands and Their Metal Complexes: Optical Band Gaps**
Kaya Y., Mutlu H., Irez G.
GAZI UNIVERSITY JOURNAL OF SCIENCE, cilt.23, sa.1, ss.13-18, 2010 (ESCI)

Metrikler

Yayın: 69

Atıf (WoS): 169

Atıf (Scopus): 190

H-İndeks (WoS): 7

H-İndeks (Scopus): 7

Akademi Dışı Deneyim

BPLAS BURSA PLASTİK METAL İNŞAAT VE TURİZM SANAYİ VE TİCARET A.Ş.