

Prof. MUSTAFA YILDIZ

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International Researcher IDs

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Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Anorganik Kimya, Turkey 1991 - 1997

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Anorganik Kimya, Turkey 1988 - 1991

Undergraduate, Ankara University, Fen Fakültesi, Kimya, Turkey 1982 - 1986

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, Bazı Podand ve Coronandların Sentezi, Kompleksleri, Fosfazenler ile Reaksiyonları, Oluşan Ürünlerin Yapılarının Spektroskopik ve Kristallografik Yöntemler ile İncelenmesi, Ankara University, Fen Bilimleri Enstitüsü, Anorganik Kimya, 1997

Postgraduate, Bazı Asiklik Aminofosfazen Türevlerinin Sentezi, Yapılarının ve Bazlık Sabitlerinin İncelenmesi, Ankara University, Fen Bilimleri Enstitüsü, Anorganik Kimya, 1991

Research Areas

Chemistry, Sensors, Spectroscopical Methods, Inorganic Chemistry, Inorganic Polymers, Coordination Chemistry, Novel Ligands, Natural Sciences

Academic Titles / Tasks

Professor, Canakkale Onsekiz Mart University, Fen Fakültesi, Kimya, 2021 - Continues

Associate Professor, Canakkale Onsekiz Mart University, Fen Fakültesi, Kimya, 2013 - 2021

Assistant Professor, Canakkale Onsekiz Mart University, Fen Fakültesi, Kimya, 1999 - 2013

Courses

Lisans Tezi, Undergraduate, 2016 - 2017
Anorganik Kimya Lab I, Undergraduate, 2016 - 2017
Yapısal Anorganik Kimya, Undergraduate, 2014 - 2015
Kimyasal Bağlar, Postgraduate, 2014 - 2015
Magnetizma ve Spektroskopi, Doctorate, 2011 - 2012

Advising Theses

YILDIZ M., İminopodand ve Geçiş Metal Komplekslerinin Sentezi, Yapılarının Aydınlatılması, Postgraduate, E.TAN(Student), 2014
YILDIZ M., Bazı 2-Hidroksi Schiff Bazları ile Metal Komplekslerinin Sentezi ve Yapılarının İncelenmesi, Postgraduate, Ö.Karpuz(Student), 2013
YILDIZ M., Anilino ve Fenoksi Fosfazen Türevlerinin Sentezi, Yapılarının Spektroskopik Yöntemler İle İncelenmesi, Doctorate, D.ERDENER(Student), 2011
YILDIZ M., Halkalı fosfazenlerin aminoliz ve alkoliz reaksiyonlarının incelenmesi, Doctorate, H.ÖZAY(Student), 2010
YILDIZ M., Yeni tür Schiff bazı taç eter ligandlarının sentezi, kompleksleri ve yapılarının incelenmesi, Doctorate, A.KİRAZ(Student), 2008
YILDIZ M., Sübstitüe Halkalı Fosfazenlerin Sentezi ve Yapılarının Spektroskopik Yöntemlerle İncelenmesi, Postgraduate, D.ERDENER(Student), 2006
YILDIZ M., Bazı halkalı fosfazenlerin sentezi, polimerizasyonu ve karakterizasyonu, Postgraduate, S.YILMAZ(Student), 2004
YILDIZ M., Bazı taç eterlerin sentezi, kompleksleri, yapılarının ve bazlık sabitlerinin incelenmesi, Postgraduate, A.ÇINAR(Student), 2003

Jury Memberships

Post Graduate, Tez Savunma, Çanakkale Onsekiz Mart Üniversitesi, January, 2015
Post Graduate, Tez Savunma, Çanakkale Onsekiz Mart Üniversitesi, January, 2015
Post Graduate, Tez Savunma Jürisi,, Çanakkale Onsekiz Mart Üniversitesi, February, 2014
Post Graduate, Tez Savunma Jürisi,, Çanakkale Onsekiz Mart Üniversitesi, January, 2014
Post Graduate, Tez Savunma Jürisi,, Çanakkale Onsekiz Mart Üniversitesi, January, 2014
Post Graduate, Tez Savunma Jürisi,, Çanakkale Onsekiz Mart Üniversitesi, January, 2014
Post Graduate, Tez Savunma Jürisi,, Çanakkale Onsekiz Mart Üniversitesi, January, 2014
Post Graduate, Tez Savunma Jürisi,, Çanakkale Onsekiz Mart Üniversitesi, June, 2013
Post Graduate, Tez Savunma Jürisi,, Çanakkale Onsekiz Mart Üniversitesi, June, 2013
Post Graduate, Tez Savunma Jürisi,, Çanakkale Onsekiz Mart Üniversitesi, January, 2013
Post Graduate, Tez savunma jürisi, Çanakkale Onsekiz Mart Üniversitesi, July, 2012
Doctorate, Tez savunma Jürisi, Balıkesir Üniversitesi, July, 2012
Post Graduate, Tez savunma jürisi, Çanakkale Onsekiz Mart Üniversitesi, July, 2012
Doctorate, Tez savunma jürisi, Çanakkale Onsekiz Mart Üniversitesi, July, 2011
Doctorate, Tez Savunması, Çanakkale Onsekiz Mart Üniversitesi, February, 2011
Doctorate, Tez savunma jürisi, Çanakkale Onsekiz Mart Üniversitesi, October, 2010
Doctorate, Tez savunma Jürisi, Anadolu Üniversitesi, April, 2010
Post Graduate, Tez savunma jürisi, Çanakkale Onsekiz Mart Üniversitesi, February, 2009
Post Graduate, Tez savunma jürisi, Çanakkale Onsekiz Mart Üniversitesi, February, 2009
Post Graduate, Tez savunma jürisi, Çanakkale Onsekiz Mart Üniversitesi, February, 2009
Post Graduate, Tez savunması, Çanakkale Onsekiz Mart Üniversitesi, July, 2008
Post Graduate, Tez savunma jürisi, Çanakkale Onsekiz Mart Üniversitesi, June, 2007
Post Graduate, Tez savunma jürisi, Çanakkale Onsekiz Mart Üniversitesi, June, 2007

Post Graduate, Tez savunma jürisi, Çanakkale Onsekiz Mart Üniversitesi, February, 2007
Post Graduate, Tez savunma jürisi, Çanakkale Onsekiz Mart Üniversitesi, June, 2006
Post Graduate, Tez savunma jürisi, Anadolu Üniversitesi, July, 2005
Post Graduate, Tez savunma jürisi, Çanakkale Onsekiz Mart Üniversitesi, June, 2005
Post Graduate, Tez savunma jürisi, Çanakkale Onsekiz Mart Üniversitesi, June, 2005
Post Graduate, Tez savunma jürisi, Çanakkale Onsekiz Mart Üniversitesi, June, 2005
Post Graduate, Tez savunma jürisi, Çanakkale Onsekiz Mart Üniversitesi, June, 2004
Post Graduate, Tez savunma jürisi, Çanakkale Onsekiz Mart Üniversitesi, June, 2004
Post Graduate, Tez savunma, Çanakkale Onsekiz Mart Üniversitesi, June, 2003

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Phosphazene-based covalent organic polymers as metal-free catalysts with improved H₂ generation from NaBH₄ in methanol with superior catalytic activity and re-generation ability**
Demirci S., Yildiz M., ŞAHİNER N.
Journal of Environmental Chemical Engineering, vol.12, no.2, 2024 (SCI-Expanded)
- II. **Chromogenic sensing, biological, and optical properties of Schiff bases of 2-amino-6-methoxybenzothiazole**
Yildiz E., Pepe Y., Erdener D., Karatay A., Boyacıoğlu B., Ünver H., Yapar G., Demir N., Yıldız M., Elmalı A.
Journal of Molecular Structure, vol.1295, 2024 (SCI-Expanded)
- III. **Colorimetric chemical sensing properties of 3-amino-4-hydroxybenzenesulfonic acid-based Schiff bases containing electron donor-acceptor groups**
YILDIZ E., PEPE Y., Erdener D., KARATAY A., BOYACIOĞLU B., ÜNVER H., Yapar G., DEMİR N., YILDIZ M., ELMALI A.
Chemical Physics, vol.574, 2023 (SCI-Expanded)
- IV. **Effect of group electronegativity on spectroscopic, biological, chromogenic sensing and optical properties of 2-formyl-benzene sulfonic acid sodium salt-based Schiff bases**
YILDIZ E., PEPE Y., Erdener D., KARATAY A., BOYACIOĞLU B., ÜNVER H., Yapar G., DEMİR N., YILDIZ M., ELMALI A.
Journal of Molecular Structure, vol.1286, 2023 (SCI-Expanded)
- V. **Effect of Gadolinium on Electrical Properties of Polyethyleneimine Functionalized and Nitrogen-Doped Graphene Quantum Dot Nanocomposite Based Diode**
ORHAN E., ANTER A., ULUSOY M., Polat B., OKUYUCU C., YILDIZ M., ALTINDAL Ş.
Advanced Electronic Materials, vol.9, no.8, 2023 (SCI-Expanded)
- VI. **UV-Vis spectroscopic and colorimetric anion detection and fluorescence properties of new 3-amino-4-hydroxybenzenesulfonic acid-based Schiff bases depending on the strength and position of the electron donor substitution**
YILDIZ E., PEPE Y., Erdener D., KARATAY A., BOYACIOĞLU B., ÜNVER H., Yapar G., DEMİR N., YILDIZ M., ELMALI A.
Physica Scripta, vol.98, no.8, 2023 (SCI-Expanded)
- VII. **Negative Capacitance Behavior at Low Frequencies of Nitrogen-Doped Polyethyleneimine-Functionalized Graphene Quantum Dots-Based Structure**
Berktaş Z., ORHAN E., ULUSOY M., YILDIZ M., ALTINDAL Ş.
ACS Applied Electronic Materials, vol.5, no.3, pp.1804-1811, 2023 (SCI-Expanded)
- VIII. **Colorimetric probing and fluorescent chemosensor features of functionalized sulphonamide-azomethine derivatives**
Yildiz E., Erdener D., Tekin S., Karatay A., Boyacıoğlu B., Ünver H., Yıldız M., Elmalı A.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A: CHEMISTRY, pp.1-13, 2022 (SCI-Expanded)
- IX. **PEI N-doped graphene quantum dots/p-type silicon Schottky diode**
Berktaş Z., Yildiz M., Seven E., ORHAN E., ALTINDAL Ş.
FLATCHEM, vol.36, 2022 (SCI-Expanded)
- X. **Synthesis, Biological Activities, Antioxidant Properties, and Molecular Docking Studies of Novel Bis-Schiff Base Podands as Responsive Chemosensors for Anions**

Yapar G., Demir N., Kiraz A., Yalçın Özkut G., Yıldız M.

JOURNAL OF MOLECULAR STRUCTURE, vol.1266, 2022 (SCI-Expanded)

- XI. **Polymeric ionic liquid forms of PEI microgels as catalysts for hydrogen production via sodium borohydride methanolysis**
Demirci S., Suner S., Yıldız M., Sahiner N.
JOURNAL OF MOLECULAR LIQUIDS, vol.360, 2022 (SCI-Expanded)
- XII. **Naked-eye colorimetric anion probing and fluorescent switching features of conjugated Schiff Bases derived from 4-(Trifluoromethyl) benzenesulfonamide**
YILDIZ E., Tekin S., Erdener D., KARATAY A., BOYACIOĞLU B., ÜNVER H., YILDIZ M., ELMALI A.
Journal of Luminescence, vol.247, 2022 (SCI-Expanded)
- XIII. **Colorimetric probe and optical behaviours of new azomethine derivatives of sulfonamide**
Tekin S., Karatay A., Erdener D., Akhüseyin Yıldız E., Boyacıoğlu B., Ünver H., Yıldız M., Elmalı A.
JOURNAL OF MOLECULAR STRUCTURE, pp.1-9, 2022 (SCI-Expanded)
- XIV. **Amino-functionalized nitrogen-doped graphene quantum dots and silver-graphene based nanocomposites: Ultrafast charge transfer and a proof-of-concept study for bioimaging applications**
Karatay A., Erdener D., Gürçan C., Akhüseyin Yıldız E., Yilmazer A., Boyacıoğlu B., Ünver H., Yıldız M., Elmalı A.
Journal Of Photochemistry And Photobiology A-Chemistry, pp.1-10, 2022 (SCI-Expanded)
- XV. **Tannic Acid for Simple and Highly Selective Visual Detection of Iron (II) and (III) Ions from Different Aqueous Environments**
YILDIZ M., ŞAHİNER N.
Water, Air, and Soil Pollution, vol.232, no.5, 2021 (SCI-Expanded)
- XVI. **Synthesis, Molecular Structure, Biological Activity, and Sensor Properties of (E)-2-[(3,5-Bis(trifluoromethyl)phenylimino)methyl]-4,6-dichlorophenol**
Zeyrek C., Boyacıoğlu B., Demir N., Tümer Y., Kiraz A., Ünver H., YILDIZ M.
Russian Journal of General Chemistry, vol.91, no.2, pp.279-284, 2021 (SCI-Expanded)
- XVII. **A Schiff base colorimetric probe for real-time naked-eye detection of biologically important fluoride and cyanide ions: Single crystal, experimental, theoretical, biological and antioxidant studies**
Ünver H., Boyacıoğlu B., DEMİR N., Zeyrek C. T., YILDIZ M.
JOURNAL OF MOLECULAR STRUCTURE, vol.1221, pp.128663, 2020 (SCI-Expanded)
- XVIII. **Porous carbon particles as metal-free superior catalyst for hydrogen release from methanolysis of sodium borohydride**
Demirci S., YILDIZ M., Inger E., ŞAHİNER N.
RENEWABLE ENERGY, vol.147, pp.69-76, 2020 (SCI-Expanded)
- XIX. **Synthesis, Crystal Structure, Anion Sensing Applications and DFT Studies of (E)-2-[(3,5-Bis(trifluoromethyl)phenylimino)methyl]-4-chlorophenol**
ÜNVER H., Zeyrek C. T., BOYACIOĞLU B., YILDIZ M., DEMİR N., ELMALI A.
JOURNAL OF CHEMICAL CRYSTALLOGRAPHY, vol.49, no.4, pp.232-244, 2019 (SCI-Expanded)
- XX. **Graphene quantum dots: Synthesis, characterization, cell viability, genotoxicity for biomedical applications**
Şenel B., DEMİR N., Büyük Körükoğlu G., YILDIZ M.
SAUDI PHARMACEUTICAL JOURNAL, vol.27, pp.846-858, 2019 (SCI-Expanded)
- XXI. **Graphene quantum dots: Synthesis, characterization, cell viability, genotoxicity for biomedical applications**
Şenel B., DEMİR N., Büyük Körükoğlu G., YILDIZ M.
SAUDI PHARMACEUTICAL JOURNAL, vol.27, pp.846-858, 2019 (SCI-Expanded)
- XXII. **DFT Calculation, Molecular Docking, Biological Activity, and Crystal Structure of (E)-2-((4-tert-Butylbenzylimino)Methyl)-4-Methoxy-Phenol**
Zeyrek C. T., Tümer Y., Kiraz A., DEMİR N., Yapar G., Boyacıoğlu B., YILDIZ M., Ünver H., Elmalı A.
JOURNAL OF STRUCTURAL CHEMISTRY, no.60, pp.32-44, 2019 (SCI-Expanded)
- XXIII. **Experimental, DFT Calculation, Biological Activity, Anion Sensing Application Studies and Crystal Structure of (E)-4-[(pyridin-3-ylimino)methyl]benzene-1,3-diol**

- ÜNVER H., BOYACIOĞLU B., Zeyrek C. T., Yolal D., YILDIZ M., YILDIRIM N., DEMİR N., Kiraz A., ELMALI A.
JOURNAL OF CHEMICAL CRYSTALLOGRAPHY, vol.48, pp.32-46, 2018 (SCI-Expanded)
- XXIV. **DFT calculation, biological activity, anion sensing studies and crystal structure of (E)-4-chloro-2-[(pyridin-2-ylimino)-methyl]phenol**
YILDIRIM N., DEMİR N., ALPASLAN G., BOYACIOĞLU B., YILDIZ M., ÜNVER H.
JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, vol.83, no.6, pp.707-721, 2018 (SCI-Expanded)
- XXV. **Synthesis and Characterization of Terephthalic Acid Based Cr³⁺, Sb³⁺, In³⁺ and V³⁺ Metal-Organic Frameworks**
ŞAHİNER N., Demirci S., Yildiz M.
Journal of Inorganic and Organometallic Polymers and Materials, vol.27, no.5, pp.1333-1341, 2017 (SCI-Expanded)
- XXVI. **Gum Arabic Microgels As Template for In Situ Metal-Sulfide Based Quantum Dots Preparation and Their Thermal, Spectroscopic, Optical, and Magnetic Characterization**
FAROOQ M., Sağbaş S., YILDIZ M., Meral K., SIDDIQ M., Aktaş N., ŞAHİNER N.
JOURNAL OF ELECTRONIC MATERIALS, vol.46, no.7, pp.4373-4383, 2017 (SCI-Expanded)
- XXVII. **Preparation and Characterization of Bi-metallic and Tri-metallic Metal Organic Frameworks Based on Trimesic Acid and Co(II), Ni(II), and Cu(II) Ions**
ŞAHİNER N., Demirci S., YILDIZ M.
Journal of Electronic Materials, vol.46, no.2, pp.790-801, 2017 (SCI-Expanded)
- XXVIII. **Synthesis, characterization, and application of a novel water-soluble polyethyleneimine-based Schiff base colorimetric chemosensor for metal cations and biological activity**
YILDIZ M., DEMİR N., Ünver H., ŞAHİNER N.
Sensors and Actuators, B: Chemical, vol.252, pp.55-61, 2017 (SCI-Expanded)
- XXIX. **A facile preparation of donut-like supramolecular tannic acid-Fe(III) composite as biomaterials with magnetic, conductive, and antioxidant properties**
ŞAHİNER N., SENDEL S. B., YILDIZ M.
JOURNAL OF COORDINATION CHEMISTRY, vol.70, no.21, pp.3619-3632, 2017 (SCI-Expanded)
- XXX. **Synthesis, spectral and quantum chemical studies and use of (E)-3-[(3,5-bis(trifluoromethyl)phenylimino)methyl]benzene-1,2-diol and its Ni(II) and Cu(II) complexes as an anion sensor, DNA binding, DNA cleavage, anti-microbial, anti-mutagenic and anti-cancer agent**
ÜNVER H., BOYACIOĞLU B., Zeyrek C. T., YILDIZ M., DEMİR N., Yildirim N., Karaosmanoglu O., Sivas H., ELMALI A.
JOURNAL OF MOLECULAR STRUCTURE, vol.1125, pp.162-176, 2016 (SCI-Expanded)
- XXXI. **Synthesis, characterization, and evaluation of (E)-methyl 2-((2-oxonaphthalen-1(2H)-ylidene)methylamino)acetate as a biological agent and an anion sensor**
Zeyrek C. T., BOYACIOĞLU B., YILDIZ M., Ünver H., Yolal D., DEMİR N., ELMALI A., Tadesse S., Aslan K.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.24, no.21, pp.5592-5601, 2016 (SCI-Expanded)
- XXXII. **Characterization and use of (E)-2-[(6-methoxybenzo[d]thiazol-2-ylimino)methyl]phenol as an anion sensor and a DNA-binding agent**
Barare B., YILDIZ M., Ünver H., Aslan K.
TETRAHEDRON LETTERS, vol.57, no.5, pp.537-542, 2016 (SCI-Expanded)
- XXXIII. **Synthesis and Spectral, Antimicrobial, Anion Sensing, and DNA Binding Properties of Schiff Base Podands and Their Metal Complexes**
YILDIZ M., Tan E., DEMİR N., YILDIRIM N., Ünver H., Kiraz A., Mestav B.
RUSSIAN JOURNAL OF GENERAL CHEMISTRY, vol.85, pp.2149-2162, 2015 (SCI-Expanded)
- XXXIV. **Synthesis, biological activity, DNA binding and anion sensors, molecular structure and quantum chemical studies of a novel bidentate Schiff base derived from 3,5-bis(trifluoromethyl)aniline and salicylaldehyde**
YILDIZ M., Karpuz Ö., Zeyrek C. T., Boyacioğlu B., dal h., DEMİR N., YILDIRIM N., Ünver H.
JOURNAL OF MOLECULAR STRUCTURE, vol.1094, pp.148-160, 2015 (SCI-Expanded)
- XXXV. **Synthesis, biological activity, DNA binding and anion sensors, molecular structure and quantum chemical studies of a novel bidentate Schiff base derived from 3,5-bis(trifluoromethyl)aniline and salicylaldehyde**

- YILDIZ M., Karpuz Ö., Zeyrek C. T., Boyacıoğlu B., dal h., DEMİR N., YILDIRIM N., Ünver H.
JOURNAL OF MOLECULAR STRUCTURE, vol.1094, pp.148-160, 2015 (SCI-Expanded)
- XXXVI. **Synthesis, characterization, theoretical calculations, DNA binding and colorimetric anion sensing applications of 1-[(E)-[(6-methoxy-1,3-benzothiazol-2-yl)imino]methyl]naphthalen-2-ol**
Barare B., YILDIZ M., Alpaslan G., Alpaslan G., dilek N., Alpaslan G., Ünver H., Tadesse S., Aslan K.
Sens. Act. B. Chem, vol.215, pp.52-61, 2015 (SCI-Expanded)
- XXXVII. **Determination of Polygalacturonic Acid (PGA) Content in Sweet Cherry (0900 Ziraat) Extracts by Fourier Transform Infrared Spectroscopy and Effects of CaCl₂ and Ca(NO₃)₂ Foliar and Fruit Sprays Applications on PGA**
EKİNCİ N., YILDIZ M.
ASIAN JOURNAL OF CHEMISTRY, vol.27, pp.2178-2180, 2015 (SCI-Expanded)
- XXXVIII. **Sensitive Electrochemical Determination of Oxcarbazepine using Polymer Film Modified Glassy Carbon Electrode**
APAYDIN E. R., SAĞLIKOĞLU G., YILMAZ S., YILDIZ M.
INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE, vol.10, no.2, pp.1904-1915, 2015 (SCI-Expanded)
- XXXIX. **Crystal structure and DFT calculations of 5-(4-Chlorophenyl)-1-(6-methoxypyridazin-3-yl)-1 H-pyrazole-3-carboxylic acid**
Alasvar C., Soylu M. S., Ünver H., Iskeleli N. O., YILDIZ M., Ciftci M., Banoglu E.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.132, pp.555-562, 2014 (SCI-Expanded)
- XL. **Electroanalytical and HPLC Methods for the Determination of Oxcarbazepine in Spiked Human Urine and Tablet Dosage Form**
NOSAL-WIERCINSKA A., YILMAZ S., BINEL S., YAĞMUR S., SAĞLIKOĞLU G., Sadikoglu M., YILDIZ M.
CROATICA CHEMICA ACTA, vol.87, no.3, pp.213-219, 2014 (SCI-Expanded)
- XLI. **Synthesis, structure, spectroscopic (FT-IR) and density functional modelling studies of 1-[(4-ethoxyphenylimino)methyl]naphthalene-2-ol**
Zeyrek C. T., Dilek N., YILDIZ M., Ünver H.
MOLECULAR PHYSICS, vol.112, no.19, pp.2557-2574, 2014 (SCI-Expanded)
- XLII. **Electrooxidation of Phenazopyridine Hydrochloride and its Voltammetric and HPLC Determination in Human Urine and Tablet Dosage Form**
YAĞMUR S., YILMAZ S., Sadikoglu M., SAĞLIKOĞLU G., YILDIZ M., YENGİN Ç., KILINÇ M. E.
INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE, vol.8, no.5, pp.6818-6828, 2013 (SCI-Expanded)
- XLIII. **Spectroscopic studies and crystal structure of (E)-N'-(2-hydroxy-3-methoxybenzylidene)isonicotinohydrazide**
Özay H., Yildiz M., Ünver H., Kiraz A.
CRYSTALLOGRAPHY REPORTS, vol.58, no.1, pp.106-110, 2013 (SCI-Expanded)
- XLIV. **Synthesis, spectroscopic studies and electrochemical properties of Schiff bases derived from 2-hydroxy aromatic aldehydes and phenazopyridine hydrochloride**
YAĞMUR S., Yilmaz S., SAĞLIKOĞLU G., Sadikoglu M., YILDIZ M., Polat K.
JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, vol.78, no.6, pp.795-804, 2013 (SCI-Expanded)
- XLV. **Spectroscopic studies and structure of 3-methoxy-2-[(2,4,4,6,6-pentachloro-1,3,5,2 lambda(5),4 lambda(5),6 lambda(5)-triazatriphosphin-2-yl)oxy]benzaldehyde**
ÖZAY H., YILDIZ M., Ünver H., Durlu T. N.
CRYSTALLOGRAPHY REPORTS, vol.58, no.1, pp.102-105, 2013 (SCI-Expanded)
- XLVI. **Synthesis and Spectroscopic Properties of Spiro, Ansa and Bino Phosphazenes**
Erdener D., YILDIZ M.
ASIAN JOURNAL OF CHEMISTRY, vol.24, no.4, pp.1530-1534, 2012 (SCI-Expanded)
- XLVII. **Spectroscopic Studies and Crystal Structure of Four-Coordinate Manganese(II) Chloride Complex**
ÖZAY H., YILDIZ M., Ünver H., Iskeleli N. O.
SYNTHESIS AND REACTIVITY IN INORGANIC METAL-ORGANIC AND NANO-METAL CHEMISTRY, vol.42, no.6, pp.872-877, 2012 (SCI-Expanded)

- XLVIII. Synthesis, Spectral Studies, Antimicrobial Activity and Crystal Structures of Phosphaza-Lariat Ethers**
ÖZAY H., YILDIZ M., Ünver H., Dülger B.
ASIAN JOURNAL OF CHEMISTRY, vol.23, no.6, pp.2430-2436, 2011 (SCI-Expanded)
- XLIX. Synthesis, Spectroscopic Studies and Structure of 2-[(Benzo[d]thiazol-2-ylamino)methyl]phenol**
YILDIZ M., ÖZAY H., Ünver H., Iskeleli N. O., Zengin D. M., Durlu T. N.
JOURNAL OF CHEMICAL CRYSTALLOGRAPHY, vol.40, no.11, pp.909-913, 2010 (SCI-Expanded)
- L. Spectroscopic Studies and Crystal Structure of 4-(2-Hydroxy-3-Methoxybenzylideneamino)-N-(5-Methylisoxazol-3-yl) Benzenesulfonamide**
YILDIZ M., Ünver H., Erdener D., Iskeleli N. O.
JOURNAL OF CHEMICAL CRYSTALLOGRAPHY, vol.40, no.8, pp.691-695, 2010 (SCI-Expanded)
- LI. Synthesis, Spectroscopic Studies and Antimicrobial Activity of Tetrakis(4-bromo-2-formylphenoxy)cyclotriphosphazene and its Imino-Amino Derivatives**
ÖZAY H., YILDIZ M., Dülger B., Ünver H.
ASIAN JOURNAL OF CHEMISTRY, vol.22, no.5, pp.3813-3823, 2010 (SCI-Expanded)
- LII. Tautomerism in Solution and Solid State, Spectroscopic Studies and Crystal Structure of (Z)-1-[(4-amino-2,3,5,6-tetramethylphenylamino)methylene]-1,8a-dihydronaphthalen-2(3H)-one**
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Non Academic Experience

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