

Assoc. Prof. MUSTAFA YILDIZ

Personal Information

Office Phone: [+90 286 218 0018](tel:+902862180018) Extension: 1861

Fax Phone: [+90 286 218 0533](tel:+902862180533)

Email: myildiz@comu.edu.tr

Web: <https://avesis.comu.edu.tr/myildiz>

Address: ÇOMÜ, FEn-Edebiyat Fakültesi, Kimya Bölümü, Terzioğlu Kampusu- 17100 ÇANAKKALE

Education Information

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

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

Under Graduate, 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

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

Research Areas

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

Academic Titles / Tasks

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

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

Courses

Lisans Tezi, Under Graduate, 2016 - 2017

Anorganik Kimya Lab I, Under Graduate, 2016 - 2017

Yapısal Anorganik Kimya, Under Graduate, 2014 - 2015

Kimyasal Bağlar, Post Graduate, 2014 - 2015

Magnetizma ve Spektroskopi, Doctorate, 2011 - 2012

Advising Theses

YILDIZ M., İminopodand ve Geçiş Metal Komplekslerinin Sentezi, Yapılarının Aydınlatılması, Post Graduate, E.TAN(Student), 2014

YILDIZ M., Bazı 2-Hidroksi Schiff Bazları ile Metal Komplekslerinin Sentezi ve Yapılarının İncelenmesi, Post Graduate, 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, Post Graduate, D.ERDENER(Student), 2006

YILDIZ M., Bazı halkalı fosfazenlerin sentezi, polimerizasyonu ve karakterizasyonu, Post Graduate, S.YILMAZ(Student), 2004

YILDIZ M., Bazı taç eterlerin sentezi, kompleksleri, yapılarının ve bazlık sabitlerinin incelenmesi, Post Graduate, 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

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

- I. **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 (Journal Indexed in SCI Expanded)
- II. **Gum Arabic Microgels As Template for In Situ Metal-Sulfide Based Quantum Dots Preparation and Their Thermal, Spectroscopic, Optical, and Magnetic Characterization**
FAROOQ M., Sağbaşı S., YILDIZ M., Meral K., SIDDIQ M., Aktaş N., ŞAHİNER N.
JOURNAL OF ELECTRONIC MATERIALS, vol.46, no.7, pp.4373-4383, 2017 (Journal Indexed in SCI)
- III. **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 (Journal Indexed in SCI)
- IV. **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 (Journal Indexed in SCI)
- V. **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 (Journal Indexed in SCI)
- VI. **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 (Journal Indexed in SCI)
- VII. **Crystal structure and DFT calculations of 5-(4-Chlorophenyl)-1-(6-methoxypyridazin-3-yl)-1 H-pyrazole-3-carboxylic acid**
Alasalvar C., Soyulu 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 (Journal Indexed in SCI)
- VIII. **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 (Journal Indexed in SCI)
- IX. **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 (Journal Indexed in SCI)
- X. **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 (Journal Indexed in

SCI)

- XI. **Spectroscopic studies and crystal structure of (E)-N'-(2-hydroxy-3-methoxybenzylidene)isonicotinohydrazide**
Özay H., Yildiz M., Unver H., Kiraz A.
CRYSTALLOGRAPHY REPORTS, vol.58, no.1, pp.106-110, 2013 (Journal Indexed in SCI)
- XII. **Synthesis, spectroscopic studies and electrochemical properties of Schiff bases derived from 2-hydroxy aromatic aldehydes and phenazopyridine hydrochloride**
YAĞMUR S., Yılmaz S., SAĞLIKOĞLU G., Sadikoglu M., YILDIZ M., Polat K.
JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, vol.78, no.6, pp.795-804, 2013 (Journal Indexed in SCI)
- XIII. **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., Unver H., Durlu T. N.
CRYSTALLOGRAPHY REPORTS, vol.58, no.1, pp.102-105, 2013 (Journal Indexed in SCI)
- XIV. **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 (Journal Indexed in SCI)
- XV. **Spectroscopic Studies and Crystal Structure of Four-Coordinate Manganese(II) Chloride Complex**
ÖZAY H., YILDIZ M., Unver H., Iskeleli N. O.
SYNTHESIS AND REACTIVITY IN INORGANIC METAL-ORGANIC AND NANO-METAL CHEMISTRY, vol.42, no.6, pp.872-877, 2012 (Journal Indexed in SCI)
- XVI. **Synthesis, Spectral Studies, Antimicrobial Activity and Crystal Structures of Phosphaza-Lariat Ethers**
ÖZAY H., YILDIZ M., Unver H., Dülger B.
ASIAN JOURNAL OF CHEMISTRY, vol.23, no.6, pp.2430-2436, 2011 (Journal Indexed in SCI)
- XVII. **Synthesis, Spectroscopic Studies and Structure of 2-[(Benzo[d]thiazol-2-ylamino)methyl]phenol**
YILDIZ M., ÖZAY H., Unver H., Iskeleli N. O., Zengin D. M., Durlu T. N.
JOURNAL OF CHEMICAL CRYSTALLOGRAPHY, vol.40, no.11, pp.909-913, 2010 (Journal Indexed in SCI)
- XVIII. **Spectroscopic Studies and Crystal Structure of 4-(2-Hydroxy-3-Methoxybenzylideneamino)-N-(5-Methylisoxazol-3-yl) Benzenesulfonamide**
YILDIZ M., Unver H., Erdener D., Iskeleli N. O.
JOURNAL OF CHEMICAL CRYSTALLOGRAPHY, vol.40, no.8, pp.691-695, 2010 (Journal Indexed in SCI)
- XIX. **Synthesis, Spectroscopic Studies and Antimicrobial Activity of Tetrakis(4-bromo-2-formylphenoxy)cyclotriphosphazene and its Imino-Amino Derivatives**
ÖZAY H., YILDIZ M., Dülger B., Unver H.
ASIAN JOURNAL OF CHEMISTRY, vol.22, no.5, pp.3813-3823, 2010 (Journal Indexed in SCI)
- XX. **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**
Unver H., YILDIZ M.
SPECTROSCOPY LETTERS, vol.43, no.2, pp.114-121, 2010 (Journal Indexed in SCI)
- XXI. **Spectroscopic study and structure of (E)-2-[(2-chlorobenzylimino)methyl]methoxyphenol**
Unver H., YILDIZ M., ÖZAY H., Durlu T. N.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.74, no.5, pp.1095-1099, 2009 (Journal Indexed in SCI)
- XXII. **Synthesis and Characterization of Crown Ethers**
Kiraz A., YILDIZ M., dülger B.
ASIAN JOURNAL OF CHEMISTRY, vol.21, no.6, pp.4495-4507, 2009 (Journal Indexed in SCI)
- XXIII. **Synthesis, spectroscopic studies and crystal structure of (E)-2-(2,4-dihydroxybenzylidene)thiosemicarbazone and (E)-2-[(1H-indol-3-yl)methylene]thiosemicarbazone**
YILDIZ M., Unver H., Erdener D., kiraz A., Iskeleli N. O.
JOURNAL OF MOLECULAR STRUCTURE, vol.919, pp.227-234, 2009 (Journal Indexed in SCI)
- XXIV. **Spectroscopic Studies and Crystal Structure of (Z)-6-[(2-hydroxyphenylamino)methylene]-2-methoxycyclohexa-2,4-dienone**

- Uenver H., YILDIZ M., kiraz A., Oezgen O.
JOURNAL OF CHEMICAL CRYSTALLOGRAPHY, vol.39, no.1, pp.17-23, 2009 (Journal Indexed in SCI)
- XXV. **Spectroscopic studies and crystal structure of 3-[(2-morpholinoethylimino)methyl]benzene-1,2-diol**
Uenver H., YILDIZ M., Ocak N., Durlu T. N.
JOURNAL OF CHEMICAL CRYSTALLOGRAPHY, vol.38, no.2, pp.103-108, 2008 (Journal Indexed in SCI)
- XXVI. **Synthesis, spectral properties, and antimicrobial activity of 2-arylamino,-2,4,4,6,6-pentachloro-1,3,5,2 lambda(5),4 lambda(5), 6 lambda(5)-triazatriphosphines and poly[bis(4-fluorophenylamino)phosphazene]**
YILDIZ M., YILMAZ S., Dolger B.
RUSSIAN JOURNAL OF GENERAL CHEMISTRY, vol.77, no.12, pp.2117-2122, 2007 (Journal Indexed in SCI)
- XXVII. **Tautomeric properties and crystal structure of N-[2-hydroxy-1-naphthylidene]2,5-dichloroaniline**
Yildiz M., ünver h., Erdener D., ocak n., erdönmez a., durlu T. N.
CRYSTAL RESEARCH AND TECHNOLOGY, vol.41, no.6, pp.600-606, 2006 (Journal Indexed in SCI)
- XXVIII. **Potentiometric investigations and effects of substituents on basicity of some acyclic(polyether)s with Schiff base type in acetonitrile and acetic acid**
Yilmaz S., Yildiz M., akgün n.
JOURNAL OF THE INDIAN CHEMICAL SOCIETY, vol.83, no.3, pp.299-301, 2006 (Journal Indexed in SCI)
- XXIX. **Spectroscopic studies, antimicrobial activities, and crystal structure of N-[2-hydroxy-1-naphthylidene]3,5-bis(trifluoromethyl)aniline**
Uenver H., Yildiz M., kiraz A., Iskeleli N. O., Erdoenmez A., Duelder B., Durlu T. N.
JOURNAL OF CHEMICAL CRYSTALLOGRAPHY, vol.36, no.3, pp.229-237, 2006 (Journal Indexed in SCI)
- XXX. **Synthesis and characterization of phenoxyphosphazenes. Structure of 2,2-[2,2'-methylelenebis(4-chlorophenoxy)]-4,4,6,6-tetrachlorocyclo-2 lambda(5),4 lambda(5),6 lambda(5)-triphosphazatriene (spiro)**
Yildiz M., Erdener D., ünver h., Iskeleli N.
JOURNAL OF MOLECULAR STRUCTURE, vol.753, pp.165-172, 2005 (Journal Indexed in SCI)
- XXXI. **Synthesis and characterization of new crown ethers of Schiff base type and their complexes**
Yildiz M., dülger b., çınar a.
JOURNAL OF THE INDIAN CHEMICAL SOCIETY, vol.82, no.5, pp.414-420, 2005 (Journal Indexed in SCI)
- XXXII. **Spectroscopic study, antimicrobial activity and crystal structures of N-(2-hydroxy-5-nitrobenzalidene)4-aminomorpholine and N-(2-hydroxy-1-naphthylidene)4-aminomorpholine**
Yildiz M., Ünver H., dülger B., Erdener D., Ocak N., erdönmez a., durlu t. n.
JOURNAL OF MOLECULAR STRUCTURE, vol.738, pp.253-260, 2005 (Journal Indexed in SCI)
- XXXIII. **Electrochemical investigation of a podand type diimine polyether: 1,8-di[N-2-oxyphenyl-salicylidene]-3,6-dioxaoctane**
gökmeşe e., gökmeşe f., Yildiz M., kılıç z., solak a. o.
BULLETIN OF ELECTROCHEMISTRY, vol.20, no.9, pp.415-420, 2004 (Journal Indexed in SCI)
- XXXIV. **Synthesis and spectroscopic studies of some new polyether ligands of the Schiff base type**
Yildiz M.
SPECTROSCOPY LETTERS, vol.37, no.4, pp.367-381, 2004 (Journal Indexed in SCI)
- XXXV. **Synthesis and antimicrobial activity of bis(imido) Schiff bases derived from thiosemicarbazide with some 2-hydroxyaldehydes and metal complexes**
Yildiz M., dülger b., koyuncu s., Yapici B.
JOURNAL OF THE INDIAN CHEMICAL SOCIETY, vol.81, no.1, pp.7-12, 2004 (Journal Indexed in SCI)
- XXXVI. **The synthesis and characterization of new oligo(polyether)s with Schiff base type**
Kaya I., Yildiz M., Koyuncu S.
SYNTHETIC METALS, vol.128, no.3, pp.267-272, 2002 (Journal Indexed in SCI)
- XXXVII. **Intramolecular hydrogen bonding and tautomerism in N-(3-pyridil)-2-oxo-1-naphthylidenemethylamine**
ünver h., Yildiz M., zengin d. m., özbey s., kendi e.
JOURNAL OF CHEMICAL CRYSTALLOGRAPHY, vol.31, no.4, pp.211-216, 2001 (Journal Indexed in SCI)

- XXXVIII. **Intramolecular hydrogen bonding and tautomerism in Schiff bases. Structure of N-(2-pyridil)-2-oxo-1-naphthylidenemethylamine**
nazır h., Yildiz M., yılmaz h., Tahir M., ülkü D.
JOURNAL OF MOLECULAR STRUCTURE, vol.524, pp.241-250, 2000 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Determination of Polygalacturonic Acid Content in Sweet Cherry 0900 Ziraat Extracts by Fourier Transform Infrared Spectroscopy and Effects of CaCl₂ and Ca NO₃ 2Foliar and Fruit Sprays Applications on PGA**
EKİNCİ N., YILDIZ M.
Asian Journal Of Chemistry, vol.27, no.6, pp.2178-2180, 2015 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **Synthesis of 2-Aminoethylphosphonic Acid-Functionalized Graphene Quantum Dots and Their Applications in Molecular Biology**
YAPAR G., YILDIZ M., ŞAHİNER N., DEMİR N., YILDIRIM N., ÜNVER H., BOYACIOĞLU B.
4th Organic Chemistry Congress, 4 - 07 October 2018, pp.147
- II. **Preparation, Characterization and Biological Application of Palladium Nanoparticles (PdNPs) Based on Nitrogen-Doped Graphene Quantum Dots (GQDs)**
YAPAR G., YILDIZ M., ŞAHİNER N., YILDIRIM N., DEMİR N., ÜNVER H., BOYACIOĞLU B.
4th Organic Chemistry Congress, 4 - 07 October 2018, pp.148
- III. **Synthesis of 2-Aminoethylphosphonic Acid-Functionalized Graphene Quantum Dots and Their Applications in Molecular Biology**
YAPAR G., YILDIZ M., ŞAHİNER N., YILDIRIM N., ÜNVER H., BOYACIOĞLU B.
4th Organic Chemistry Congress, Antalya, Turkey, 4 - 07 October 2018
- IV. **Synthesis and applications of a colorimetric sensor based on polyethyleneimine doped graphene quantum dots nanoparticles directed to cations**
BOYACIOĞLU B., ÜNVER H., YILDIZ M., DEMİR N., YILDIRIM N., ELMALI A.
VI. International Conference "Nanotechnology and Nanomaterials" (NANO - 2018), Kyiv, Ukraine, 27 - 30 August 2018
- V. **Synthesis of nickel nanoparticles (NiNPs) using 4-aminophenol doped graphene quantum dots GQDs as reducing reagent and stabilizer**
BOYACIOĞLU B., ŞENEL B., BÜYÜKKÖROĞLU G., ÜNVER H., YILDIZ M., DEMİR N., YILDIRIM N., ELMALI A.
VI. International Conference "Nanotechnology and Nanomaterials" (NANO - 2018), Kyiv, 27 - 30 August 2018
- VI. **Cytotoxicity effect of graphene quantum dots-metal nanocomposite on human A549 and MCF-7 cells**
BOYACIOĞLU B., ŞENEL B., BÜYÜKKÖROĞLU G., ÜNVER H., YILDIZ M., DEMİR N., YILDIRIM N., ELMALI A.
VI. International Conference "Nanotechnology and Nanomaterials" (NANO - 2018), Kyiv, Ukraine, 27 - 30 August 2018
- VII. **Preparation and characterization of silver nanoparticles (AgNPs) and their applications as biological agent**
ÜNVER H., BOYACIOĞLU B., YILDIZ M., DEMİR N., YILDIRIM N., ELMALI A.
VI. International Conference "Nanotechnology and Nanomaterials" (NANO - 2018), Kyiv, Ukraine, 27 - 30 August 2018
- VIII. **A facile preparation of copper nanoparticles using nitrogen-doped graphene quantum dots as biomaterials with DNA interactions, antioxidant, and biological properties**
DEMİR N., YILDIZ M., ŞAHİNER N., YILDIRIM N., DEMİR N. Ş.
7th International Molecular Biology and Biotechnology Congress, 25 - 27 April 2018, pp.116

- IX. **Preparation, characterization, anti-microbial, DNA binding and DNA cleavage studies of nitrogen doped graphene quantum dots (GQDs)**
DEMİR N., YILDIZ M., ŞAHİNER N., YILDIRIM N., DEMİRCİ Ş.
7th International Molecular Biology and Biotechnology Congress, 25 - 27 April 2018, pp.164
- X. **Synthesis, Characterization, and Evaluation of Methyl 2-(5-bromo-2-hydroxy-3-methoxybenzylideneamino)acetate as a Biological Agent**
Yıldırım M. A. , DEMİR N., YILDIZ M.
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, 26 - 29 April 2017, pp.565
- XI. **Synthesis, Spectral Characterization, and Use of Methyl N-[(2-hydroxy-3-methoxybenzylidene)glycinate as DNA Binding, DNA Cleavage, Antimicrobial and Antimutagenic Agent**
Yıldırım M. A. , DEMİR N., YILDIZ M.
IVEK 3rd International Convention of Pharmaceutical and Pharmacies, 26 - 29 April 2017, pp.610
- XII. **Colorimetric Sensor, DNA Binding and DNA Cleavage Studies of 6-Methoxybenzo[d]thiazol-2-ylimino Derivative**
Ballı M., DEMİR N., YILDIZ M., Merdamert E., Yıldırım M. A.
IVEK 3rd International Convention of Pharmaceutical and Pharmacies, 26 - 29 April 2017, pp.583
- XIII. **DNA Binding, DNA Cleavage and Antimutagenic Properties of 1H-Indole-3-carbaldehyde Derivative**
Gök P., Gök B., DEMİR N., YILDIZ M.
IVEK 3rd International Convention of Pharmaceutical and Pharmacies, 26 - 29 April 2017, pp.519
- XIV. **DNA Interactions and Biological Activity Studies of 1-[(E)-[4-ethynylphenyl]imino]methyl]-1-ol**
Gök B., Gök P., DEMİR N., YILDIZ M.
IVEK 3rd International Convention of Pharmaceutical and Pharmacies, 26 - 29 April 2017, pp.531
- XV. **Synthesis, Characterization, and Evaluation of Methyl 2-(5-bromo-2-hydroxy-3-methoxybenzylideneamino)acetate as a Biological Agent**
Yıldırım M. A. , DEMİR N., YILDIZ M.
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017, vol.377
- XVI. **DNA Binding, DNA Cleavage and Antimutagenic Properties of 1H-Indole-3-carbaldehyde Derivative**
Gök P., Gök B., DEMİR N., YILDIZ M.
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017, vol.347
- XVII. **Colorimetric Sensor, DNA Binding and DNA Cleavage Studies of 6-Methoxybenzo [d]thiazol- 2-ylimino Derivative**
Ballı M., DEMİR N., YILDIZ M., Merdamert E., Yıldırım M. A.
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, 26 - 29 April 2017, vol.392
- XVIII. **DNA Interactions and Biological Activity Studies of 1-(E)-[4-ethynylphenyl]imino]methyl-1-ol**
Gök B., Gök P., DEMİR N., YILDIZ M.
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017, vol.347
- XIX. **Theoretical Calculations, Biological Activities, Anion Sensing Applications and Crystallographic Studies of (E)-2-((3,5-Bis(Trifluoromethyl) Phenylimino)Methyl)-4,6 Dimethoxyphenol**
BOYACIOĞLU B., ÜNVER H., YILDIZ M., DEMİR N., YILDIRIM N., Zeyrek C. T. , ELMALI A.
The IIER International Conference, 24 - 25 February 2017
- XX. **Anion Sensing, Biological Activities, Spectroscopic and Crystallographic Studies of 5-Methylsalicylaldehyde Schiff Base**
YILDIZ M., ÜNVER H., BOYACIOĞLU B., DEMİR N., YILDIRIM N., Zeyrek C. T. , ELMALI A.
The IIER International Conference, 24 - 25 February 2017
- XXI. **Quantum Chemical and Experimental Studies, Anti-Microbial, Anti-Mutagenic, Dna Binding and Anion Sensors Properties of A Schiff Base Derived From 3,5-Bis(Trifluoromethyl)Aniline With 3,5-Dichlorosalicylaldehyde**

- ÜNVER H., YILDIZ M., BOYACIOĞLU B., DEMİR N., YILDIRIM N., Zeyrek T., ELMALI A.
The IIER International Conference, Bucharest, Romania, 24 - 25 February 2017
- XXII. **Theoretical Calculations, Biological Activities, Anion Sensing Applications and Crystallographic Studies of (E)-2-((3,5-Bis (Trifluoromethyl) Phenylimino) Methyl)-4,6-Dimethoxyphenol**
BOYACIOĞLU B., ÜNVER H., YILDIZ M., DEMİR N., YILDIRIM N., Zeyrek C. T. , ELMALI A.
The IIER International Conference, Bucharest, Romania, 24 - 25 February 2017
- XXIII. **Anion Sensing, Biological Activities, Spectroscopic and Crystallographic Studies of 5-Methylsalicylaldehyde Schiff Base**
YILDIZ M., ÜNVER H., BOYACIOĞLU B., DEMİR N., YILDIRIM N., Zeyrek C. T. , ELMALI A.
The IIER International Conference, Bucharest, Romania, 24 - 25 February 2017
- XXIV. **Synthesis and Characterization of Novel Poly chloro polyethyleneimine phosphazene and Poly bis indole 3 carboxaldehyde phosphazene**
YILDIZ M., ŞAHİNER N.
ITWCCST-2016, 26 - 30 October 2016
- XXV. **Synthese Spectroscopic Characterizations and Quantum Chemical Investigations of some Schiff Base Compounds**
gökçe h., ÇOLAK N., BİNGÖL ALPASLAN Y., Marım N., YILDIZ M., ÜNVER H.
Türk Physical Society 32nd International Physic Congres, 6 - 09 September 2016, pp.288
- XXVI. **Antimicrobial Activity DNA binding and DNA Cleavage Quantum Chemical Studies and Sensing Applications of E 2 3 5 bis trifluoromethyl phenylimino methyl 4chlorophenol**
DEMİR N., YILDIZ M., YILDIRIM N., ÜNVER H., tuğrul z.
IVEK 2ND INTERNATIONAL CONVENTION OF PHARMACEUTICALS AND PHARMACIES, 27 - 29 November 2015
- XXVII. **Synthesis Theoretical Antimicrobial Activity DNA Binding and DNA Cleavage Studies of E 3 3 5 bis trifluoromethyl phenylimino methyl benzene 1 2 diol**
YILDIRIM N., DEMİR N., YILDIZ M., ÜNVER H., BOYACIOĞLU B., tuğrul z.
IVEK 2ND INTERNATIONAL CONVENTION OF PHARMACEUTICALS AND PHARMACIES, 27 - 29 November 2015
- XXVIII. **Synthesis Biological activity Crystal Structure and Quantum Chemical Studies of a Novel Bidentate Schiff Base Derived From 3 5 Bis triflouromsthy l aniline and Salicylaldehyde**
YILDIZ M., özge k., tuğrul z., BOYACIOĞLU B., DAL H., DEMİR N., YILDIRIM N., ÜNVER H.
Molecular Modelling in Chemistry and Biochemistry, 13 - 15 November 2014
- XXIX. **Synthesis Crystal Structure and Quantum Chemical Studies of a Novel Schiff Base Derived From 3 2 Amino Thiophene and Salicylaldehyde**
ÇOLAK N., nazmiye n., ALPASLAN G., gökçe h., YILDIZ M., ÜNVER H.
Molecular Modelling in Chemistry and Biochemistry, 13 - 15 November 2014
- XXX. **Bis imino polieter bileşiklerinin biyolojik aktivite ve DNA ya bağlanma özelliklerinin araştırılması**
YILDIRIM N., DEMİR N., YILDIZ M.
. 27 Ulusal kimya kongresi, Çanakkale Onsekiz Mart Üniversitesi, Turkey, 23 - 28 August 2014, vol.70
- XXXI. **DİKLORO BİS Z 6 2 KLOROBENZİLAMİNO METİLEN 2 METOKSİ HEKZA 2 4 DİENON MANGAN İİ KOMPLEKSİNİN SENTEZİ VE KRİSTAL YAPISININ İNCELENMESİ**
ÖZAY H., YILDIZ M., ÜNVER H.
III. ULUSAL ANORGANİK KİMYA KONGRESİ, Turkey, 19 - 22 May 2011
- XXXII. **MONO FENOKSİFORMİL FOSFAZEN SENTEZİ YAPISININ SPEKTROSKOPİK VE KRİSTALLOGRAFİK YÖNTEMLER İLE İNCELENMESİ**
ÖZAY H., YILDIZ M., ÜNVER H.
III. ULUSAL ANORGANİK KİMYA KONGRESİ, Turkey, 19 - 22 May 2011
- XXXIII. **Synthesis antimicrobial activity and electrochemical behaviour of phenazopyridine hydrochloride and it s some schiff bases in dimetyl sulfoxide by cyclic voltammetry**
YAĞMUR S., YILMAZ S., SAĞLIKOĞLU G., SADIKOĞLU M., YILDIZ M., POLAT K.
IMMPC-ISPC Joint Meeting, September 30-October 2, 2010, Ankara, Turkey, 30 September 2010 - 02 October 2009
- XXXIV. **FORMİL FOSFAZENLERİN SENTEZİ VE AMİNLER İLE REAKSİYONLARININ İNCELENMESİ**
ÖZAY H., YILDIZ M.

- XXIII. ULUSAL KİMYA KONGRESİ, Turkey, 16 - 20 June 2009
- XXXV. **AMİNOPODAND SENTEZİ VE TRİMERİK FOSFAZEN İLE REAKSİYONUNUN İNCELENMESİ**
ÖZAY H., YILDIZ M.
XXII. ULUSAL KİMYA KONGRESİ, Turkey, 6 - 10 October 2008
- XXXVI. **2 BENZO D TİYAZOL 2 YLAMİNO METİL FENOL SENTEZİ YAPISININ SPEKTROSKOPİK VE KRİSTALLOGRAFİK YÖNTEMLER İLE İNCELENMESİ**
ÖZAY H., YILDIZ M., ÜNVER H., OCAK İSKELELİ N.
XXII. ULUSAL KİMYA KONGRESİ, Turkey, 6 - 10 October 2008
- XXXVII. **Poly(4-vinylpyridine) based nanoparticle synthesis and their applications to functional materials**
ÖZAY Ö., AYDIN F., EKİCİ S., YILDIZ M., ŞAHİNER N.
235th ACS National Meeting, New Orleans, LA, USA, New Orleans, LA, United States Of America, 6 - 10 April 2008, vol.235, pp.489
- XXXVIII. **PMSE 489-Poly(4-vinylpyridine) based nanoparticle syntheses and their applications to functional materials**
ÖZAY Ö., AYDIN F., EKİCİ S., YILDIZ M., Baran Y., Tan G., John V. T. , ŞAHİNER N.
235th American-Chemical-Society National Meeting, Louisiana, United States Of America, 6 - 10 April 2008, vol.235
- XXXIX. **SCHİFF BAZI TİPİ AZO BOYAR MADDELER VE KOMPLEKSLERİNİN SENTEZİ, YAPILARININ VE ANTİMİKROBİYAL ÖZELLİKLERİNİN İNCELENMESİ**
ERDENER ÇIRALI D., YILDIZ M., AYDIN F., DÜLGER B.
21. ULUSAL KİMYA KONGRESİ, İNÖNÜ ÜNİVERSİTESİ, MALATYA, Malatya, Turkey, 23 - 27 August 2007
- XL. **Poli(İmino(2,4,8,10-Tetraoksoaspiro [5,5] Undekan-3,9-Dipropilen)İminoisftalamid) Sentezi, Karakterizasyonu ve Termal Özelliklerinin İncelenmesi**
DOĞAN F., AKAT H., Öztürk E., YILDIZ M., Yürekli M.
XX. Ulusal Kimya Kongresi, Kayseri, Turkey, 4 - 08 September 2006
- XLI. **Çan Termik Santral Uçucu Küllerinin Seramik Sırlarında Kullanımı**
TOPATEŞ G., ÜSTÜNDAĞ C. B. , ÖZAY Ö., YILDIZ M., BABA A.
3. Uluslararası Katılımlı Seramik, Cam, Emaye, Sır ve Boya Semineri, Eskişehir, Turkey, 17 - 19 October 2005, pp.591-597
- XLII. **Mononükleer ve dinükleer lariat eter komplekslerinin sentezi ve termal bozunma kineitklerinin incelenmesi**
DOĞAN F., YILDIZ M., ORAL A.
XIX. Uusal Kimya Kongresi, Kuşadası, Turkey, 30 September - 04 October 2005
- XLIII. **Çan Termik Santrali Uçucu Küllerinin İncelenmesi Ve Seramik Yapımında Kullanımı**
ÖZAY Ö., ÜSTÜNDAĞ C. B. , TOPATEŞ G., YILDIZ M., BABA A.
19. Ulusal Kimya Kongresi, Aydın, Turkey, 30 September - 04 October 2005, pp.370

Supported Projects

DEMİR N., YILDIZ M., Project Supported by Higher Education Institutions, Benzotiyazol tabanlı bileşiklerin sentezi, karakterizasyonu biyolojik aktiviteleri ile DNA etkileşim ve sensör özelliklerinin incelenmesi, 2018 - 2020

ŞAHİNER N., YILDIZ M., YILMAZ S., Kurt S. B. , CAN M., Project Supported by Higher Education Institutions, Laktoz ve Maltoz Mikrojellerinin Sentezi ve Karakterizasyonu, 2018 - 2019

YILDIZ M., DEMİR N., TUBITAK Project, Sensör Özelliği Gösteren, Yapılarında Flor Atomu Bulunan Ligandların ve Bunların Metal Komplekslerinin Sentezi, Moleküler Yapıları, Spektroskopik ve Doğrusal Olmayan Optik Özellikleri İle Elektronik Yapılarının, Deneysel ve Kuantum Mekaniksel Yöntemlerle İncelenmesi, 2015 - 2017

ERDENER ÇIRALI D., YILDIZ M., TUBITAK Project, Fosfaza-lariat eterlerin sentezi, karakterizasyonu ve antimikrobiyal özelliklerinin incelenmesi, 2009 - 2010

YILDIZ M., HACIOĞLU DOĞRU N., ERDENER ÇIRALI D., TUBITAK Project, Spiro ve ansa fosfazen bileşiklerinin sentezi, yapılarının ve antimikrobiyal özelliklerinin incelenmesi, 2006 - 2008

YILDIZ M., ŞENOL BAHÇECİ D., KOYUNCU S., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Bazı fenoksi ve

anilin grubları ihtiva eden fosfazenleri içeren yeni epoksi reçinelerin sentezi ve teknolojiye uygulanması, 2002 - 2005
YILDIZ M., TÜBİTAK Project, Bazı Halkalı Fosfazenlerin Sentezi, Polimerleri ve Karakterizasyonu, 2002 - 2004
YILDIZ M., TÜBİTAK Project, Bazı bis(Tac) eterlerin Sentezi, Komplekslerinin Hazırlanması ve Yapılarının İncelenmesi, 1995 - 1997

Scientific Refereeing

Sensor&Actuators:B Chemical, SCI Journal, August 2019
Inorganic Chemistry Communications, SCI Journal, August 2019
Research on Chemical Intermediates, SCI Journal, February 2019
Journal of Molecular Structure, SCI Journal, March 2018
Journal of Molecular Structure, SCI Journal, March 2018
Synthesis and Reactivity in Inorganic, Metal-Organic, and Nano-Metal Chemistry, SCI Journal, March 2018
JOURNAL OF BORON, National Scientific Refreed Journal, February 2018
Phosphorus, Sulfur, and Silicon and the Related Elements, SCI Journal, January 2018
Journal of Scientific Perspectives , National Scientific Refreed Journal, January 2018
Çanakkale Onsekiz Mart Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, November 2017
Sensors & ActuatorsB: Chemical, SCI Journal, November 2017
Journal of Molecular Structure, SCI Journal, October 2017
Journal of Photochemistry, SCI Journal, September 2017
GAZI UNIVERSITY JOURNAL OF SCIENCE, National Scientific Refreed Journal, April 2017
Bentham Science , SCI Journal, March 2017
Journal of Chemistry, SCI Journal, July 2016
Journal of Molecular Structure, SCI Journal, May 2016
Sensors & Actuators: B. Chemical, SCI Journal, November 2015
Sensors & Actuators: B Chemical, SCI Journal, August 2015
New Journal of Chemistry, SCI Journal, June 2015
Sensors & Actuators: B. Chemical, SCI Journal, June 2015
Journal of the Association of Arab Universities for Basic and Applied Sciences, SCI Journal, May 2015
Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, SCI Journal, May 2015
Nano Biomedicine and Engineering, Other Indexed Journal, October 2014
Crystal Growth & Design, SCI Journal, February 2014
BAU Fen Bilimleri Enstitüsü Dergisi , National Scientific Refreed Journal, November 2013
African Journal of Agricultural Research, Other Indexed Journal, June 2013
Project Supported by Higher Education Institutions, November 2012
Arabian Journal of Chemistry, SCI Journal, October 2012
Journal of Chemistry, SCI Journal, March 2012
African Journal of Microbiology Research , SCI Journal, October 2011
Croatica Chemica Acta, SCI Journal, June 2009
African Journal of Biotechnology, SCI Journal, February 2009
Journal of Arts and Sciences, National Scientific Refreed Journal, February 2009
MolBank, Other Indexed Journal, November 2008
Langmuir, SCI Journal, July 2008
Anadolu Üniversitesi Bilim ve Teknoloji Dergisi, National Scientific Refreed Journal, June 2008
molecules, SCI Journal, June 2008
Anadolu Üniversitesi Bilim ve Teknoloji Dergisi, National Scientific Refreed Journal, June 2006
JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, March 2005

Citations

Total Citations (WOS):685

h-index (WOS):13