

Prof. Ömer Andaç

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: A-4035-2016

ScopusID: 6603822664

Yoksis Researcher ID: 3590

Education Information

Doctorate, University of Aberdeen, England 1992 - 1996

Undergraduate, Ondokuz Mayıs University, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, Turkey 1982 - 1987

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Composites, Cement and Concrete, Glass Technology and Glass Ceramics, Plating, Inorganic Polymers, Coordination Chemistry, Solid-State Chemistry, nanoclusters, Novel Ligands

Academic Titles / Tasks

Professor, Ondokuz Mayıs University, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2010 - Continues

Associate Professor, Ondokuz Mayıs University, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2006 - 2010

Assistant Professor, Ondokuz Mayıs University, Fen-Edebiyat Fakültesi, Kimya Bölümü, 1998 - 2006

Assistant Professor, Ondokuz Mayıs University, Eğitim Fakültesi, 1997 - 1998

Research Assistant, Ondokuz Mayıs University, Eğitim Fakültesi, 1996 - 1997

Research Assistant, University of Aberdeen, Chemistry, 1992 - 1996

Research Assistant, Ondokuz Mayıs University, Eğitim Fakültesi, 1990 - 1992

Academic and Administrative Experience

Ondokuz Mayıs University, 2016 - 2018

Ondokuz Mayıs University, 2014 - 2017

Courses

Surface Science and Technology, Postgraduate, 2020 - 2021
Chemoinformatics, Postgraduate, 2020 - 2021
İleri Karakterizasyon Teknikleri, Doctorate, 2020 - 2021, 2017 - 2018, 2015 - 2016, 2014 - 2015
Endüstriyel Kimya Lab. I, Undergraduate, 2020 - 2021
Hesaplamalı Kimya, Undergraduate, 2020 - 2021
Quantitative And Qualitative Analysis In Electron Microscopy, Doctorate, 2019 - 2020
Girişimcilik, Undergraduate, 2017 - 2018
Metalurji, Undergraduate, 2017 - 2018, 2016 - 2017, 2010 - 2011
Quantitative And Qualitative Analysis In Electron Microscopy, Doctorate, 2017 - 2018, 2016 - 2017
Katların Termik Bozunması ve Bozunma Kinetikleri, Postgraduate, 2017 - 2018
Reverse Engineering, Doctorate, 2017 - 2018
ENDÜSTRİTEL KİMYA LABORATUVARI II, Undergraduate, 2017 - 2018, 2015 - 2016, 2014 - 2015
ENDÜSTRİTEL KİMYA LABORATUVARI I, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
POWDER X-RAY DIFFRACTION AND STRUCTURE DETERMINATION, Doctorate, 2016 - 2017, 2015 - 2016, 2014 - 2015
KRİSTAL KİMYASI, Postgraduate, 2016 - 2017, 2015 - 2016, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010
Elektrokimyasal sensörler, Postgraduate, 2015 - 2016, 2014 - 2015, 2011 - 2012
METALLER KİMYASI, Undergraduate, 2015 - 2016, 2011 - 2012
Polymer characterisation, Postgraduate, 2015 - 2016, 2014 - 2015
Microporous and Mesoporous Materials, Doctorate, 2015 - 2016
Kimyacılar için Elektronik, Postgraduate, 2015 - 2016, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011
Endüstriyel Kimya Laboratuvarı, Undergraduate, 2015 - 2016, 2010 - 2011
Qualitative and Quantative in Electron Microscopy, Doctorate, 2015 - 2016
Katıl Kimyasına giriş, Undergraduate, 2014 - 2015
X-ray Mikroanaliz Teknikleri, Doctorate, 2014 - 2015
X-Işınları Difraksiyon Yöntemi, Doctorate, 2014 - 2015, 2013 - 2014, 2012 - 2013
Koordinasyon Kimyası, Undergraduate, 2014 - 2015
Quantitative and Qualitative Analysis in Electron Microscopy, Doctorate, 2014 - 2015
Anorganik Kimya II, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2009 - 2010
Kimyada Elektronik Uygulamalar, Undergraduate, 2013 - 2014, 2012 - 2013
Elektron Mikroskopi Teknikleri, Doctorate, 2013 - 2014
X-ray Mikroanaliz Teknikleri, Doctorate, 2013 - 2014
Anorganik Kimya I, Undergraduate, 2013 - 2014, 2012 - 2013, 2010 - 2011
Bilgisayar Ortamında Analitik Verilerin değerlendirilmesi, Postgraduate, 2013 - 2014, 2009 - 2010
Kristal Kimyası, Doctorate, 2013 - 2014
Anorganik Kimya III, Undergraduate, 2013 - 2014
Bilgisayar Programlama I, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010
Bilgisayar Programlama II, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010
X-ışınları difraksiyon Yöntemi, Doctorate, 2012 - 2013
X-ray Mikroanaliz Teknikleri, Doctorate, 2012 - 2013
Anorganik Kimya Laboratuvarı, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010
Genel Kimya I, Undergraduate, 2012 - 2013, 2010 - 2011
X-ışınları Difraksiyon Yöntemleri, Doctorate, 2011 - 2012, 2009 - 2010
Genel Kimya Laboratuvarı I, Undergraduate, 2011 - 2012, 2009 - 2010
Elektron Mikroskobu Teknikleri, Doctorate, 2011 - 2012
Mesleki İngilizce , Undergraduate, 2011 - 2012, 2010 - 2011
Kimyada Elektronik Uygulamalar, Undergraduate, 2011 - 2012
Anorganik Kimya II, Postgraduate, 2010 - 2011
Mesleki İngilizce I, Undergraduate, 2010 - 2011, 2009 - 2010
Elektronik Cihazlama, Doctorate, 2009 - 2010
Mesleki İngilizce II, Undergraduate, 2009 - 2010

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Self-healable and conductive mussel inspired PVA/borax@PDA-LiTFSI hydrogel-based self-adhesive for human motion sensor**
Kaymazlar E., Dikbas C., Matar G. H., Andaç Ö., Andaç M.
POLYMER BULLETIN, 2024 (SCI-Expanded)
- II. **Novel Binary Blended Hydrogel Films (Chitosan-Vanillin Schiff Base/Locust Bean Gum and Fe(III), Cu(II) & Zn(II) Complexes): Synthesis, Characterization, Conductivity, and Antibacterial Activity**
Matar G. H., Kaymazlar E., Andaç M., Andaç Ö.
JOURNAL OF POLYMERS AND THE ENVIRONMENT, vol.31, no.8, pp.3509-3521, 2023 (SCI-Expanded)
- III. **Enhanced Analytic Approach for Describing pH Triggered Fast Drug Release Systems**
Elmas A., Akyuz G., Bergal A., Andaç M., Andaç Ö.
CURRENT DRUG DELIVERY, vol.18, no.8, pp.1118-1124, 2021 (SCI-Expanded)
- IV. **Cu(II) AND Cd(II) COORDINATION POLYMERS DERIVED FROM PYRAZINE-2,3-DICARBOXYLATE AND 1-VINYLMIDAZOLE LIGANDS: SYNTHESIS, CHARACTERIZATION AND HYDROGEN STORAGE CAPACITIES**
GÖRDÜK S., Yilmaz H., Andaç Ö.
MACEDONIAN JOURNAL OF CHEMISTRY AND CHEMICAL ENGINEERING, vol.38, no.1, pp.19-27, 2019 (SCI-Expanded)
- V. **Synthesis and characterization of nano-sized metal organic framework-5 (MOF-5) by using consecutive combination of ultrasound and microwave irradiation methods**
BURGAZ E., Erciyes A., Andaç M., Andaç Ö.
INORGANICA CHIMICA ACTA, vol.485, pp.118-124, 2019 (SCI-Expanded)
- VI. **Synthesis, characterization and H₂ adsorption performances of polymeric Co(II) and Ni(II) complexes of pyrazine-2,3-dicarboxylic acid and 1-vinylimidazole**
Andaç Ö., GÖRDÜK S., Yilmaz H.
JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, vol.15, no.8, pp.1699-1708, 2018 (SCI-Expanded)
- VII. **A novel zinc(II) complex containing square pyramidal, octahedral and tetrahedral geometries on the same polymeric chain constructed from pyrazine-2,3-dicarboxylic acid and 1-vinylimidazole**
Yilmaz H., Andaç Ö.
JOURNAL OF CHEMICAL SCIENCES, vol.130, no.4, 2018 (SCI-Expanded)
- VIII. **Polymeric Ni(II) and Cu(II) complexes based on squaric acid and 1-vinylimidazole: Structural studies and hydrogen adsorption properties**
Yilmaz H., GÖRDÜK S., Andaç Ö.
INORGANICA CHIMICA ACTA, vol.469, pp.154-163, 2018 (SCI-Expanded)
- IX. **Synthesis, characterization, and hydrogen storage capacities of polymeric squaric acid complexes containing 1-vinylimidazole**
Yilmaz H., Andaç Ö., GÖRDÜK S.
POLYHEDRON, vol.133, pp.16-23, 2017 (SCI-Expanded)
- X. **Experimental and theoretical studies on Cu(II) complex of N,N'-disalicylidene-2,3-diaminopyridine ligand reveal indirect evidence for DNA intercalation**
KOÇAK A., Yilmaz H., FAİZ Ö., Andaç Ö.
POLYHEDRON, vol.104, pp.106-115, 2016 (SCI-Expanded)
- XI. **Synthesis, characterization and DFT-based investigation of a novel trinuclear singly-chloro-bridged copper(II)-1-vinylimidazole complex**
Yolcu Z., Demir S., Andaç Ö., Büyükgüngör O.
Acta Chimica Slovenica, vol.63, no.3, pp.646-653, 2016 (SCI-Expanded)
- XII. **Five novel dicyanidoaurate(I)-based complexes exhibiting significant biological activities: synthesis, characterization and three crystal structures**
KARADAĞ A., Aydın A., Dede S., Tekin S., YANAR Y., ÇADIRCI B. H., SOYLU M. S., Andaç Ö.
NEW JOURNAL OF CHEMISTRY, vol.39, no.10, pp.8136-8152, 2015 (SCI-Expanded)

- XIII. **Two novel cyanido-bridged polymeric complexes with suspension bridge type connections and a series of related complex salts: crystallographic and thermal characterizations**
ŞENOCAK A., KARADAĞ A., SOYLU M. S., Andaç Ö.
NEW JOURNAL OF CHEMISTRY, vol.39, no.5, pp.3675-3686, 2015 (SCI-Expanded)
- XIV. **Hydrogen storage properties of mono- and bidentate MOF structured orotate complexes**
Ozturk Z., KÖSE D. A., ASAN A., Ozturk B., Andaç Ö., Ozkan G.
JOURNAL OF MATERIALS RESEARCH, vol.29, no.2, pp.215-220, 2014 (SCI-Expanded)
- XV. **Molecular structure and EPR spectral studies of trans-Bis(perchlorato-kappa O)tetrakis(1-vinyl-1Himidazole-kappa N-3)copper(II)**
Kucuk K., Celik Y., Sahin R., Karabulut B., Andaç Ö., DEGE N.
CHEMICAL PHYSICS LETTERS, vol.592, pp.59-63, 2014 (SCI-Expanded)
- XVI. **Five complexes containing N,N-bis(2-hydroxyethyl)-ethylenediamine with tetracyanidopalladate(II): synthesis, crystal structures, thermal, magnetic, and catalytic properties**
Korkmaz S. A., KARADAĞ A., Korkmaz N., Andaç Ö., GÜRBÜZ N., ÖZDEMİR İ., Topkaya R.
JOURNAL OF COORDINATION CHEMISTRY, vol.66, no.17, pp.3072-3091, 2013 (SCI-Expanded)
- XVII. **trans-Bis(perchlorato-kappa O) tetrakis(1-vinyl-1H-imidazole-kappa N3) copper(II)**
Celik Y., Kucuk K., Sahin R., Karabulut B., Andaç Ö., DEGE N.
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.69, 2013 (SCI-Expanded)
- XVIII. **Cyano-complexes and salts with tetracyanonickellate(II) and N,N-bis(2-hydroxyethyl)-ethylenediamine: synthesis, IR spectra, magnetic properties, thermal analyses, and crystal structures**
KARADAĞ A., Korkmaz S. A., Andaç Ö., Yerli Y., Topcu Y.
JOURNAL OF COORDINATION CHEMISTRY, vol.65, no.10, pp.1685-1699, 2012 (SCI-Expanded)
- XIX. **Synthesis and characterization of Cu(II) complexes of pyrazine-2,3-dicarboxylic acid**
Tascioglu S., Aydin A., YALÇIN B., Kaki E., Andaç Ö., Buyukgungor O., KOŞAR B.
POLYHEDRON, vol.30, no.13, pp.2171-2180, 2011 (SCI-Expanded)
- XX. **Two Novel Bimetallic Cyano-Bridged Coordination Polymers Containing the 2,2'-(Ethylenedioxy)bis(Ethylamine): Syntheses, Structural, Thermal and Magnetic Properties**
ŞENOCAK A., KARADAĞ A., Yerli Y., Andaç Ö., ŞAHİN E.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.20, no.4, pp.628-635, 2010 (SCI-Expanded)
- XXI. **Electronic structure modeling of dinuclear copper(II)-methacrylic acid complex by density functional theory**
Demir S., Yolcu Z., Andaç Ö., Buyukgungor O., Yazicilar T. K.
JOURNAL OF MOLECULAR MODELING, vol.16, no.9, pp.1509-1518, 2010 (SCI-Expanded)
- XXII. **Quantum-chemical, spectroscopic and X-ray diffraction studies on nickel complex of 2-hydroxyacetophenone thiosemicarbazone with triphenylphosphine**
GÜVELİ Ş., Özdemir N., Bal-Demirci T., ÜLKÜSEVEN B., Dincer M., Andaç Ö.
POLYHEDRON, vol.29, no.12, pp.2393-2403, 2010 (SCI-Expanded)
- XXIII. **3-[2-(4,4-Dimethyl-2,6-dioxocyclohexylidene)hydrazinyl]benzonitrile**
ÇOLAK N., Aksakal D., Andaç Ö., Bueyuekguengoer O.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.66, 2010 (SCI-Expanded)
- XXIV. **(Carbonato-kappa O-2,O')bis(1,10-phenanthroline-kappa N-2,N')cobalt(III) nitrate monohydrate**
Andaç Ö., Yolcu Z., Buyukgungor O.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.66, 2010 (SCI-Expanded)
- XXV. **Crystal and molecular structure of 1-allyl-5-(4-methylbenzoyl)-4(4-methylphenyl)pyrimidine-2(1H)-thione**
Yildirim I., KOCA İ., Dincer M., Özdemir N., Andaç Ö.
CRYSTAL RESEARCH AND TECHNOLOGY, vol.41, no.12, pp.1236-1241, 2006 (SCI-Expanded)
- XXVI. **The syntheses, structure and properties of cobalt complexes with beta-alanine derivatives**
Tascioglu S., YALÇIN B., Nasrullayeva T., Andaç Ö., Buyukgungor O., Aydin A., Medjidov A.
POLYHEDRON, vol.25, no.6, pp.1279-1286, 2006 (SCI-Expanded)

- XXVII. **Bis[1-(2,6-dimethylanilino)propane-1,2-dione dioximato]nickel(II)**
Bati H., Zulfikaroglu A., Taş M., Andaç Ö., Harrison W.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.61, 2005 (SCI-Expanded)
- XXVIII. **4-benzoyl-1,5-diphenyl-1H-pyrazole-3-carboxylic acid methanol solvate**
Yildirim I., Özdemir N., Akcamur Y., Dincer M., Andaç Ö.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.61, 2005 (SCI-Expanded)
- XXIX. **Bis[N-(2,6-dimethylphenyl)aminophenylglyoximato-kappa N-2,N ']nickel(II) dimethyl sulfoxide solvate**
Bati H., Zulfikaroglu A., Taş M., Caliskan N., Soylu S., Andaç Ö., Buyukgungor O.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.60, 2004 (SCI-Expanded)
- XXX. **5-(Furan-2-yl)-4-(p-tolyl)-2,4-dihydro-1,2,4-triazole-3-thione**
Dege N., Andaç Ö., Cansiz A., Cetin A., Sekerci M., Dincer M.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.60, 2004 (SCI-Expanded)
- XXXI. **3-[(2,4-Dinitrophenyl)hydrazono]butan-2-one oxime**
Saracoglu H., Davran C., Soylu S., Andaç Ö., Bati H., Caliskan N.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.60, 2004 (SCI-Expanded)
- XXXII. **N-(3-Chloro-4-methoxyphenyl)-N '-hydroxy-2-oxo-2-phenylacetamidine**
Soylu S., Taş M., Andaç Ö., Bati H., Caliskan N., Buyukgungor O.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.59, 2003 (SCI-Expanded)
- XXXIII. **Mono- and binuclear copper(II) complexes of saccharin with 2-pyridinepropanol synthesis, spectral, thermal and structural characterization**
YILMAZ V. T., Hamamci S., Andaç Ö., Thone C., Harrison W.
TRANSITION METAL CHEMISTRY, vol.28, no.6, pp.676-681, 2003 (SCI-Expanded)
- XXXIV. **Synthesis, spectra and crystal structure of 2-([3-(methyl {3-[(2-hydroxybenzylidene)amino]propyl} amino)propyl]imino)methyl)phenol copper(II) complex**
YILMAZ V. T., Degirmencioglu I., Andaç Ö., Karabocek S., Slawin A.
JOURNAL OF MOLECULAR STRUCTURE, vol.654, no.1-3, pp.125-129, 2003 (SCI-Expanded)
- XXXV. **A three-dimensional lead(II) polymer with bridging saccharinate and unusually coordinated acetate ligands - Synthesis, IR spectra, and crystal structure of [Pb(H₂O)(mu-OAc)(mu-sac)](n)**
YILMAZ V. T., Hamamci S., Andaç Ö., Guven K.
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, vol.629, no.1, pp.172-176, 2003 (SCI-Expanded)
- XXXVI. **Synthesis, spectral and thermal studies of Bis-2,6-dimethanolpyridine complexes of Co(II), Ni(II), Cu(II) and Zn(II) saccharinates: Crystal structures of [Ni(dmpy)(2)](sac)(2)center dot 2H(2)O and [Zn(dmpy)(2)](sac)(2)center dot 2H(2)O**
YILMAZ V. T., Guney S., Andaç Ö., Harrison W.
JOURNAL OF COORDINATION CHEMISTRY, vol.56, no.1, pp.21-32, 2003 (SCI-Expanded)
- XXXVII. **A hydrogen-bonded dimer of a novel Co(II) complex of monoethanolamine with thiocyanate: Synthesis, spectra, thermal behaviour and crystal structure**
YILMAZ V. T., Andaç Ö., KARADAĞ A., Harrison W. T.
Journal of Molecular Structure, vol.641, no.2-3, pp.119-124, 2002 (SCI-Expanded)
- XXXVIII. **Bis(p-nitrobenzoxasulfamato) complexes of cadmium(II) and mercury(II) - Synthesis, spectra, and x-ray crystal structures**
YILMAZ V. T., Yazicilar T. K., Andaç Ö., Kütük H., Bekdemir Y., Harrison W. T. A.
Zeitschrift fur Anorganische und Allgemeine Chemie, vol.628, no.8, pp.1908-1912, 2002 (SCI-Expanded)
- XXXIX. **Mixed-ligand metal succinate complexes with 1,10-phenanthroline and ethylenediamine: Synthesis, characterization, spectroscopic and thermal studies. Crystal structure of succinatocobalt(II) complex with phenanthroline**
YILMAZ V. T., Demir S., Andaç Ö., Harrison W.
Journal of Coordination Chemistry, vol.55, no.8, pp.863-872, 2002 (SCI-Expanded)
- XL. **Synthesis, characterization and spectral studies of triethanolamine complexes of metal saccharinates. Crystal structures of [Co(TEA)₂](SAC)₂ and [Cu₂(μ-TEA)₂(SAC)₂·2 (CH₃OH)**

Topcu Y., Andaç Ö., YILMAZ V. T., Harrison W.

Journal of Coordination Chemistry, vol.55, no.7, pp.805-815, 2002 (SCI-Expanded)

- XLII. **Synthesis and structure of trans-bis(ethanolamine)bis(saccharinato)mercury(II)**
Topcu Y., Andaç Ö., YILMAZ V. T., Harrison W.
Crystal Research and Technology, vol.37, no.5, pp.509-513, 2002 (SCI-Expanded)
- XLIII. **Synthesis, molecular and crystal structure of bis(triethanolamine)manganese(II) saccharinate: A seven-coordinate manganese complex with tri- and tetradentate triethanolamine ligands**
Topcu Y., Andaç Ö., YILMAZ V. T., Harrison W. T.
Journal of Molecular Structure, vol.610, no.1-3, pp.99-103, 2002 (SCI-Expanded)
- XLIV. **The first metal complex of p-nitrobenzoxasulfamate. Synthesis, spectral and structural characterization of triaquabis(p-nitrobenzoxasulfamato)copper(II) monohydrate**
YILMAZ V. T., Andaç Ö., Yazıcılar T. K., Kütük H., Bekdemir Y., Harrison W. T.
Journal of Molecular Structure, vol.608, no.1, pp.71-76, 2002 (SCI-Expanded)
- XLV. **N-(2-hydroxyethyl)ethylene-diammonium hydrogenphosphate monohydrate**
Demir S., YILMAZ V. T., Andaç Ö., Harrison W. T. A.
Acta Crystallographica Section C: Crystal Structure Communications, vol.58, no.7, 2002 (SCI-Expanded)
- XLVI. **Bis(pyridine-2,6-dimethanol-N, O, O')cobalt(II) and -copper(II) disaccharinate dihydrate: Three-dimensional structures with extensive hydrogen bonds and aromatic π - π -stacking interactions**
Andaç Ö., Guney S., Topcu Y., YILMAZ V. T., Harrison W. T.
Acta Crystallographica Section C: Crystal Structure Communications, vol.58, no.1, 2002 (SCI-Expanded)
- XLVII. **Sodium p-nitrobenzoxasulfamate monohydrate**
Yazıcılar T. K., Andaç Ö., Bekdemir Y., Kütük H., YILMAZ V. T., Harrison W. T.
Acta Crystallographica Section C: Crystal Structure Communications, vol.58, no.1, 2002 (SCI-Expanded)
- XLVIII. **Bis(2-pyridylmethanol)bis(saccharinato)zinc(II) and-cadmium(II) at 120 K: Three-dimensional structures containing both N-and O-coordinated ambidentate saccharinate ligands**
YILMAZ V. T., Guney S., Andaç Ö., Harrison W. T.
Acta Crystallographica Section C: Crystal Structure Communications, vol.58, no.8, 2002 (SCI-Expanded)
- XLIX. **trans-bis(diethanolamine-N, O)bis(saccharinato-N)cadmium(II)**
Andaç Ö., Topcu Y., YILMAZ V. T., Harrison W. T.
Acta Crystallographica Section C: Crystal Structure Communications, vol.58, no.1, 2002 (SCI-Expanded)
- L. **trans-Bis(ethanolamine-N,O)bis-(saccharinato-N)copper(II)**
YILMAZ V. T., Andaç Ö., Topcu Y., Harrison W. T. A.
Acta Crystallographica Section C: Crystal Structure Communications, vol.57, no.3, pp.271-272, 2001 (SCI-Expanded)
- L. **Bis(triethanolamine-<i>N,O,O'</i>)nickel(II) bis(saccharinate)**
Topcu Y., Andaç Ö., YILMAZ V. T., Harrison W.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, 2001 (SCI-Expanded)
- LI. **Crystal structure and physico-chemical properties of diaquabis(1,10-phenanthroline)manganese(II) disaccharinate monohydrate**
YILMAZ V. T., YILMAZ F., Topcu Y., Andaç Ö., Göven K.
Journal of Molecular Structure, vol.560, no.1-3, pp.9-13, 2001 (SCI-Expanded)
- LII. **Bis(triethanolamine)cadmium(II) and -mercury(II) saccharinates: Seven-coordinate complexes containing both tri- and tetradentate triethanolamine ligands**
Andaç Ö., Topcu Y., YILMAZ V. T., Guven K.
Acta Crystallographica Section C: Crystal Structure Communications, vol.57, no.12, pp.1381-1384, 2001 (SCI-Expanded)
- LIII. **Use of NaCa₂SiO₄F as Na and F standard in the electron microprobe analysis and analytical electron microscopy analysis**
Andaç Ö.
Spectrochimica acta, Part B: Atomic spectroscopy, vol.55, no.7, pp.979-984, 2000 (SCI-Expanded)
- LIV. **X-ray crystal structure of trans-bis(monoethanolamine) bis(saccharinato)nickel(II)**

Articles Published in Other Journals

- I. **Use of Silver Nanoparticles Loaded Locust Bean Gum Coatings to Extend the Shelf-Life of Fruits**
Akyuz G., Kaymazlar E., AY H., Andaç M., Andaç Ö.
BIOINTERFACE RESEARCH IN APPLIED CHEMISTRY, vol.13, no.3, 2023 (ESCI)
- II. **Synthesis and reactivity of novel trityl-type protecting groups**
Demirtas İ., Birinci M. F., Budak Y., ANDAC Ö., OZBEK O. G. U. Z., HARRISON W. I. L. I. A. M. T. A.
ORGANIC COMMUNICATIONS, no.2, pp.108-116, 2022 (ESCI)
- III. **Evaluation of nano sized Mg@BTC metal organic framework as a drug carrier: A long term experimental and predictive theoretical study**
Akyüz G., Elmas A., Andaç M., Andaç Ö.
Research on Engineering Structures and Materials, vol.7, no.1, pp.135-156, 2021 (Scopus)
- IV. **Mathematical modelling of drug release**
Elmas A., Akyüz G., Bergal A., Andaç M., Andaç Ö.
Research on Engineering Structures and Materials, vol.6, no.4, pp.327-350, 2020 (Scopus)
- V. **2 2 Dipiridin Ligandi İçeren Bakır II Metakrilat Kompleksinin Spektroskopik Termal ve Elektrokimyasal Özellikleri**
YOLCU Z., TOPÇU S., YOLCU M., ANDAÇ Ö.
Karadeniz Fen Bilimleri Dergisi, vol.6, no.14, pp.77-88, 2016 (Peer-Reviewed Journal)
- VI. **Synthesis X Ray Crystallography Thermal Analysis and DFT Studies of Ni II Complex with 1 Vinylimidazole Ligand**
ŞEN F., Şahin R., DİNÇER M., ANDAÇ Ö., TAŞ M.
Journal of Crystallography, vol.2014, pp.1-9, 2014 (Peer-Reviewed Journal)
- VII. **trans-Bis(nitrato-kappa O)tetrakis(1-vinyl-1H-imidazole-kappa N-3)copper(II)**
ŞEN F., Sahin R., Andaç Ö., Taş M.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.68, 2012 (ESCI)
- VIII. **Microstructure and Microchemistry of Calcium Sulfoaluminate Cement**
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