

Prof. ORHAN ATAKOL

Personal Information

Web: <https://avesis.ankara.edu.tr/atakol>

International Researcher IDs

ScholarID: SO7aezsAAAAJ

ORCID: 0000-0003-0977-6588

Publons / Web Of Science ResearcherID: ABG-8669-2021

ScopusID: 7005181405

Yoksis Researcher ID: 7366

Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 1983 - 1986

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 1983 - 1986

Undergraduate, Ankara University, Fen Bilimleri Enstitüsü, Kimya Yüksek Mühendisliği Pr., Turkey 1975 - 1980

Dissertations

Doctorate, o,o'xx-dihidroksi schiff bazlarının geçiş elementleri katyonlarıyla verdiği komplekslerin incelenmesi, Ankara University, Fen Bilimleri Enstitüsü, Kimya (Dr), 1986

Research Areas

Chemistry

Academic Titles / Tasks

Professor, Ankara University, Fen Fakültesi, Kimya Bölümü, 1999 - Continues

Associate Professor, Ankara University, Fen Fakültesi, Kimya Bölümü, 1991 - 1999

Assistant Professor, Ankara University, Fen Fakültesi, Kimya Bölümü, 1987 - 1991

Academic and Administrative Experience

Ankara University, 2008 - 2011

Courses

BİRLEŞTİRİLMİŞ ALETLİ ANALİZ YÖNTEMLERİ , Postgraduate, 2015 - 2016

ENSTRÜMENTAL ANALİZ LABORATUVARI, Undergraduate, 2015 - 2016

ÇEVRE KİMYASI I, Undergraduate, 2015 - 2016

ÇEVRE KİMYASI II, Undergraduate, 2015 - 2016

Advising Theses

- ATAKOL O., Bis(N,N'-salisiliden)-1,3-diaminopropan ligandi ve heterohalkalı bileşikler kullanılarak hazırlanan koordinasyon bileşiklerinin termal analiz yöntemleriyle incelenmesi, Postgraduate, Y.GÜRSOY(Student), 2021
- ATAKOL O., The theoretical and experimental comparition of thermodynamical values of new energetic materials prepared from 3,5-dinitro-4-chlorobenzonitryl, Postgraduate, D.KARABAYIR(Student), 2020
- ATAKOL O., The investigation of the effect of quarrying and stone mining on the natural radioactivity in the Ayaş district of Ankara, Postgraduate, K.FURKAN(Student), 2020
- ATAKOL O., Chemical disposal of energetic materials, Doctorate, A.YÜCEL(Student), 2020
- UZUN K., ATAKOL O., Investigation of late neolithic period Köşk höyük (Nigde) ceramic samples using spectroscopic and thermal analysis methods, Postgraduate, S.ÖZKÖK(Student), 2020
- ATAKOL O., Trinitrofenil grubu içeren heterohalkalı enerjik maddelerin kromatografik Yöntemlerle incelenmesi, A.ÖZLER(Student), 2015
- ATAKOL O., Amino, nitro ve azido grupları içeren tek ve iki halkalı aromatik enerjik maddelerin kromatografik yöntemlerle analizlerinin araştırılması, Doctorate, M.ATAKOL(Student), 2015
- ATAKOL O., Trinitrofenil grubu içeren heterohalkalı enerjik maddelerin kromatografik yöntemlerle incelenmesi, Doctorate, A.ÖZLER(Student), 2015
- ATAKOL O., Azotça zengin enerjik azido bileşiklerinin bazı termodinamik özelliklerinin termal analiz ve teorik hesaplama yöntemleri ile incelenmesi, Doctorate, E.ÖZKARAMETE(Student), 2014
- ATAKOL O., Azit ve nitro grubu içeren organik patlayıcı maddelerin termal analiz yöntemleri ile incelenmesi ve yüksek basınçlı sıvı kromatografisi kullanarak analiz olanaklarının araştırılması, Doctorate, N.ŞEN(Student), 2013
- ATAKOL O., Azotça zengin organik maddelerin pikrat ve perklorat tuzlarının tasarıımı, sentezi ve termal analiz yöntemleriyle incelenmesi, Doctorate, N.YILMAZ(Student), 2013
- ATAKOL O., Bazı aldimin ve ketiminlerin çeşitli voltametrik tekniklerle elektrokimyasal davranışlarının incelenmesi, Postgraduate, G.PAÇAL(Student), 2011
- ATAKOL O., Dengesizleştirici bir grup ve azido gruplarını bir arada içeren Cu(II) komplekslerinin termal analiz yöntemleri ile incelenmesi, Postgraduate, M.KUNDURACI(Student), 2010
- ATAKOL O., Propellantların içindeki 2-nitro difenil amin'in kromatografik yöntemlerle analizi, Postgraduate, A.YÜCEL(Student), 2010
- ATAKOL O., Bazı yeni patlayıcı maddelerin termal analiz yöntemleriyle incelenmesi, Doctorate, S.ÖZ(Student), 2010
- ATAKOL O., ONO ve ONNO tipindeki Schiff bazlarının geçiş metalleri komplekslerinin termal bozunma tepkimelerinde kinetik parametrelerin belirlenmesi ve bazı koordinasyon bağ enerjilerinin hesaplanması, Doctorate, Ü.ERGUN(Student), 2009
- ATAKOL O., Sıvı-sıvı ekstraksiyonu ile metal iyonlarının önderiştirilmesinde ono ve onno tipindeki schiff bazlarının verimliliklerinin karşılaştırılması, Postgraduate, Ş.EYLENOĞLU(Student), 2008
- ATAKOL O., Hetero çok çekirdekli komplekslerden elektrokimyasal yöntemler yardımıyla hazırlanan malzemelerin incelenmesi, Doctorate, E.DÜZGÜN(Student), 2007
- ATAKOL O., ON tipindeki Schiff bazlarının susuz çözümlerde bazı elektrokimyasal davranışlarının incelenmesi, Postgraduate, C.KALE(Student), 2004
- ATAKOL O., Polimer malzemelerde polimerleşmemiş monomerlerin ve alken gruplarının FTIR ile belirlenmesi, Postgraduate, Ü.ERGUN(Student), 2003
- ATAKOL O., Üç çekirdekli Cu11-Pb11-Cu11-schiff bazı kompleksi yardımıyla hidrojen fosfat anyonuna duyarlı iyon seçici elektrot geliştirilmesi, Postgraduate, S.ÖZ(Student), 2003
- ATAKOL O., İki çekirdekli çinko(II) ve bakır(II) kompleksleri kullanılarak bor iyon seçici elektrot geliştirilmesi ve endüstriyel atıklarında uygulanabilirliğinin araştırılması, Postgraduate, E.YAVUKLU(Student), 2003
- ATAKOL O., Azit anyonu yardımı ile çok çekirdekli koordinasyon bileşiklerinin hazırlanması ve analitik amaçla kullanılabilirliklerinin araştırılması, R.KURTARAN(Student), 2002

ATAKOL O., Çinko(II) ve civa(II) iyonları kadmiyum ile schiff bazları arasında mono-di- ve trinükleer komplekslerin hazırlanması ve analitik amaçla kullanılabilirliklerinin araştırılması, Doctorate, M.AKSU(Student), 2001

ATAKOL O., Heterotrinükleer geçiş metalleri komplekslerinin hazırlanması ve yapılarının incelenmesi, Doctorate, S.DURMUŞ(Student), 2001

ATAKOL O., Demir(III)-seçici elektrot hazırlaması, Postgraduate, E.DÜZGÜN(Student), 2001

ATAKOL O., İnsan doku ve sıvılarda hidrür olşturulabilen bazı elementlerin atomik absorpsiyon spektrofotometresi ile analizinde hidrür oluşturmali yöntem ve zaman etkili elektrotermal yöntemlerin karşılaştırılması, Doctorate, F.NAZLI(Student), 1999

ATAKOL O., Şehir içmesuyu arıtma tesislerinde çamur atıklarının değerlendirme yollarının araştırılması, Postgraduate, G.UÇAR(Student), 1997

ATAKOL O., Türkiye'nin çeşitli yörelerinde yetiştirilen haşhaş bitkilerinden alkaloidlerin ekstraksiyonu ve ekstraktların susuz ortamlarda özelliklerinin incelenmesi, Doctorate, Y.NABI(Student), 1996

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Electrosynthesis of toluidine blue on Fe₃O₄ nanoparticles modified electrodes in a deep eutectic solvent for the electrochemical determination of neurotransmitter epinephrine**
Uysal İ., DALKIRAN B., ATAKOL O.
Microchemical Journal, vol.199, 2024 (SCI-Expanded)
- II. **Spectroscopic and electrochemical characterizations of copper complexes with thionine, azure C and azure A**
Bayindir O., Ersin E., NAZIR H., ATAKOL O., ÇELİKKAN H.
APPLIED ORGANOMETALLIC CHEMISTRY, vol.38, no.3, 2024 (SCI-Expanded)
- III. **Tuning of the magneto-caloric effects in Ni₄₃Mn₄₆In₁₁ magnetic shape memory alloys by substitution of boron**
Saritas S., ÇIÇEK M. M., KAVAK E., Gurpinar K., Yildirim O., Yuce S., ATAKOL O., Emre B.
JOURNAL OF PHYSICS-CONDENSED MATTER, no.7, 2024 (SCI-Expanded)
- IV. **New explosive materials through covalent and non-covalent synthesis: Investigation of explosive properties of trinitrotoluene: Acridine and picric acid: Acridine**
Şen N., Pons J., KURTAY G., Yüksel B., NAZIR H., Khumsri A., ATAKOL O.
Journal of Molecular Structure, vol.1292, 2023 (SCI-Expanded)
- V. **Preventing hydrolysis of AlN powders with organophosphate coating in aqueous media**
Kaya C., Bayindir O., Saklar S., ATAKOL O., ÇELİKKAN H.
JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, no.7-8, pp.739-747, 2023 (SCI-Expanded)
- VI. **Adsorption behavior of reactive Red 24 and methylene blue onto Brewer's spent grain: characterization, kinetics, and isotherms modeling**
AY Ç., SOPACI Ş. B., ATAKOL O., ÖZ S.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, 2023 (SCI-Expanded)
- VII. **Synthesis, antimicrobial and thermal studies of nitropyridine-substituted double armed benzo-15-crown-5 ligands; alkali (Na⁺ and K⁺) and transition metal (Ag⁺) complexes; reduction of nitro compounds**
Kocoglu S., Hayvali Z., Ogutcu H., Atakol O.
JOURNAL OF INCLUSION PHENOMENA AND MACROCYCLIC CHEMISTRY, vol.102, no.9-10, pp.763-780, 2022 (SCI-Expanded)
- VIII. **Synthesis, Structure, Thermal Decomposition and Computational Calculation of Heterodinuclear Ni^{II} - Zn^{II} Complexes**
Gürsoy Tuncer Y., NAZIR H., Gurpinar K., Svoboda I., Yilmaz N., ATAKOL O., İNAL E. K.
Acta chimica Slovenica, vol.69, no.1, pp.147-156, 2022 (SCI-Expanded)
- IX. **Giant and Reversible Barocaloric Effect in Trinuclear Spin-Crossover Complex Fe₃(bntrz)₆(tcnset)₆**
Romanini M., Wang Y., Gurpinar K., Ornelas G., Lloveras P., Zhang Y., Zheng W., Barrio M., Aznar A., Gracia-Condal

- A., et al.
Advanced Materials, vol.33, no.10, 2021 (SCI-Expanded)
- X. **Facile Ion-Exchange Method for Zn Intercalated MoS₂ As an Efficient and Stable Catalyst toward Hydrogen Evaluation Reaction**
ÖZGÜR D., ÖZKAN G., ATAKOL O., ÇELİKKAN H.
ACS APPLIED ENERGY MATERIALS, vol.4, no.3, pp.2398-2407, 2021 (SCI-Expanded)
- XI. **The comparison of miRNAs that respond to anti-breast cancer drugs and usnic acid for the treatment of breast cancer**
CANSARAN DUMAN D., Tanman U., Yangin S., ATAKOL O.
CYTOTECHNOLOGY, vol.72, no.6, pp.855-872, 2020 (SCI-Expanded)
- XII. **The effect of electronegativity upon the coordination sphere; heterodinuclear Ni(II) complexes with ONNO type Schiff bases, octahedral, square pyramidal and square planar coordination of Ni(II)**
Tuncer Y. G., Guerpinar K., ACAR N., NAZIR H., Svoboda I., ATAKOL O., İNAL E. K.
JOURNAL OF MOLECULAR STRUCTURE, vol.1221, 2020 (SCI-Expanded)
- XIII. **Towards low-impact-sensitivity through crystal engineering: New energetic co-crystals formed between Picric acid, Trinitrotoluene and 9-Vinylnanthracene**
Sen N., Dursun H., Hope K. S., NAZIR H., ACAR N., ATAKOL O.
JOURNAL OF MOLECULAR STRUCTURE, vol.1219, 2020 (SCI-Expanded)
- XIV. **New energetic Silver(I) complexes with Nnn type Pyrazolylpyridine ligands and oxidizing anions**
Atakol A., Svoboda I., DAL H., ATAKOL O., NAZIR H.
JOURNAL OF MOLECULAR STRUCTURE, vol.1210, 2020 (SCI-Expanded)
- XV. **Synthesis, characterisation and energetic performance of insensitive energetic salts formed between picric acid and 2,3-diaminotoluene, 2,4-diaminotoluene**
Sen N., NAZIR H., Atceken N., Hope K. S., ACAR N., ATAKOL O.
JOURNAL OF MOLECULAR STRUCTURE, vol.1205, 2020 (SCI-Expanded)
- XVI. **Synthesis, crystal structure, theoretical calculations and thermal characterization of two heterodinuclear Ni-II-Zn-II complexes prepared from ONNO-type symmetrical Schiff base and its reduced derivative**
Atakol A., NAZIR H., Svoboda I., Aksu M. L., ATAKOL O.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.139, no.3, pp.1863-1882, 2020 (SCI-Expanded)
- XVII. **Characterization and properties of a novel energetic Co-crystal formed between 2,4,6-Trinitrophenol and 9-Bromoanthracene**
Bozkus S., Hope K. S., YÜKSEL B., Atceken N., NAZIR H., ATAKOL O., Sen N.
JOURNAL OF MOLECULAR STRUCTURE, vol.1192, pp.145-153, 2019 (SCI-Expanded)
- XVIII. **Two dinuclear NiII-CdII complexes of reduced ONNO-type Schiff bases: Synthesis, crystal structures, thermal kinetic analysis and DFT studies**
Sonmez M., NAZIR H., Emir E., Svoboda I., Aksu L., Atakol O.
Journal of Thermal Analysis and Calorimetry, vol.131, no.3, pp.3077-3091, 2018 (SCI-Expanded)
- XIX. **Thermal kinetic analysis, theoretical thermodynamic calculations and antimicrobial activity of three new energetic materials**
SOPACI Ş. B., NAZIR H., Emir E., ATAKOL O., ÖZ S.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.131, no.3, pp.3105-3120, 2018 (SCI-Expanded)
- XX. **Effect of synthetic nano-hydroxyapatite as an alternative phosphorus source on growth and phosphorus nutrition of lettuce (*Lactuca sativa* L.) plant**
TAŞKIN M. B., ŞAHİN Ö., Taskin H., ATAKOL O., İNAL A., GÜNEŞ A.
JOURNAL OF PLANT NUTRITION, vol.41, no.9, pp.1148-1154, 2018 (SCI-Expanded)
- XXI. **Effect of acid modification of biochar on nutrient availability and maize growth in a calcareous soil**
ŞAHİN Ö., Taskin M. B., Kaya E. C., Atakol O., Emir E., Inal A., Gunes A.
SOIL USE AND MANAGEMENT, vol.33, no.3, pp.447-456, 2017 (SCI-Expanded)
- XXII. **Synthesis, crystal structure, thermal decomposition, and XPS studies of homo and heterotrinuclear Cu(II)-Cu(II)-Cu(II) and Cu(II)-Ni(II)-Cu(II) complexes obtained from salpn type ligands**

- ACAR N., Atakol O., Kaya F. N. D., Svoboda I., Yazicioglu M., Oz S.
Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, vol.43, no.7, pp.463-472, 2017 (SCI-Expanded)
- XXIII. **Investigation of energetic materials prepared by reactions of diamines with picryl chloride**
Atakol M., Atakol A., Yigiter A. O., Svoboda I., ATAKOL O.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.127, no.3, pp.1931-1940, 2017 (SCI-Expanded)
- XXIV. **Thermal characterization and theoretical and experimental comparison of picryl chloride derivatives of heterocyclic energetic compounds**
Yigiter A. O., Atakol M. K., Aksu M. L., ATAKOL O.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.127, no.3, pp.2199-2213, 2017 (SCI-Expanded)
- XXV. **The investigations of thermal behavior, kinetic analysis, and biological activity of trinuclear complexes prepared ONNO-type Schiff bases with nitrito and nitrato mu-bridges**
ACAR N., ATAKOL O., SOPACI Ş. B., Duman D., Svoboda I., ÖZ S.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.127, no.2, pp.1319-1337, 2017 (SCI-Expanded)
- XXVI. **Enrichment of copper and nickel with solid phase extraction using multiwalled carbon nanotubes modified with Schiff bases**
Dogan S., DİNÇER KAYA F. N., ATAKOL O.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, vol.95, no.8, pp.698-712, 2015 (SCI-Expanded)
- XXVII. **An experimental and theoretical study toward the synthesis, structure and thermal decomposition of some phenyl tetrazoles**
YILMAZ N., ÖZ S., Atakol A., Svoboda I., AYDINER B., AKAY M. A., ATAKOL O.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.119, no.3, pp.2321-2328, 2015 (SCI-Expanded)
- XXVIII. **Synthesis, structure and magnetic properties of homotrinuclear Ni(II) complexes with asymmetric Schiff-base ligands**
ÖZ S., ACAR N., Svoboda I., Titis J., Boca R., ATAKOL O.
INORGANICA CHIMICA ACTA, vol.421, pp.531-537, 2014 (SCI-Expanded)
- XXIX. **EFFECTS OF ENVIRONMENT ON THE RELEASE OF NI, CR, FE, AND CO FROM NEW AND RECAST NI-CR ALLOY**
OYAR P., Can G., ATAKOL O.
JOURNAL OF PROSTHETIC DENTISTRY, vol.112, no.1, pp.64-69, 2014 (SCI-Expanded)
- XXX. **Investigation of heavy metal concentrations in some Turkish wines**
Alkis I. M., ÖZ S., Atakol A., Yilmaz N., ANLI R. E., ATAKOL O.
JOURNAL OF FOOD COMPOSITION AND ANALYSIS, vol.33, no.1, pp.105-110, 2014 (SCI-Expanded)
- XXXI. **Synthesis, crystal structure, chromatographic seperation, and thermogravimetric investigation of a ONNO type asymmetric Schiff base and its trinuclear complexes**
Oz S., Ergun U., Yakut M., Svoboda I., Atakol A., İNAL E. K., Yilmaz N., Atakol O.
Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, vol.40, no.8, pp.571-582, 2014 (SCI-Expanded)
- XXXII. **Biosorption properties of zinc(II) from aqueous solutions by pseudovernia furfuracea (L.) zopf**
Kilic Z., Atako O., Aras S., CANSARAN DUMAN D., EMREGÜL E.
Journal of the Air and Waste Management Association, vol.64, no.10, pp.1112-1121, 2014 (SCI-Expanded)
- XXXIII. **Evaluation of different isotherm models, kinetic, thermodynamic, and copper biosorption efficiency of Lobaria pulmonaria (L.) Hoffm.**
Kilic Z., ATAKOL O., Aras S., CANSARAN DUMAN D., Celikkol P., EMREGÜL E.
JOURNAL OF THE AIR & WASTE MANAGEMENT ASSOCIATION, vol.64, no.1, pp.115-123, 2014 (SCI-Expanded)
- XXXIV. **Thermal Decomposition of Dinitro-chloro-azido Benzenes: A Comparison of Theoretical and Experimental Results**
Sen N., Ozkaramete E., Yilmaz N., ÖZ S., Svoboda I., AKAY M. A., ATAKOL O.
JOURNAL OF ENERGETIC MATERIALS, vol.32, no.1, pp.1-15, 2014 (SCI-Expanded)
- XXXV. **Synthesis, crystal structure, and thermal decomposition of two Co(II) complexes with NNN pyrazolyl**

- type ligand and pseudo-halogen**
 Oz S., Yilmaz N., Arici C., Svoboda I., Akay M. A., Atakol O.
Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, vol.39, no.12, pp.829-835, 2013 (SCI-Expanded)
- XXXVI. Synthesis, structure and magnetic properties of Ni(II)-Co(II) heterodinuclear complexes with ONNO type Schiff bases as ligands**
 ÖZ S., Titis J., NAZIR H., ATAKOL O., Boca R., Svoboda I., Fuess H.
POLYHEDRON, vol.59, pp.1-7, 2013 (SCI-Expanded)
- XXXVII. Some new energetic benzaldoximes Synthesis, structure and a comparison of theoretic and experimental results of thermal decomposition**
 Kunduraci M., Ozkaramete E., Yilmaz N., ÖZ S., Svoboda I., İNAL E. K., ATAKOL O.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.112, no.3, pp.1587-1599, 2013 (SCI-Expanded)
- XXXVIII. Experimental and Computational Studies on the Thermal Degradation of Nitroazidobenzenes**
 Ozkaramete E., Senocak N., İNAL E. K., ÖZ S., Svoboda I., ATAKOL O.
PROPELLANTS EXPLOSIVES PYROTECHNICS, vol.38, no.1, pp.113-119, 2013 (SCI-Expanded)
- XXXIX. SO₂ and NO₂ tolerance of microalgae with the help of some growth stimulators**
 ERTİT TAŞTAN B., Duygu E., ATAKOL O., DÖNMEZ G.
Energy Conversion and Management, vol.64, pp.28-34, 2012 (SCI-Expanded)
- XL. Accumulation of Trace Elements and the Assessment of the Genotoxicity in the Lichen Pseudevernia furfuracea Transplanted to a Polluted Site in Ankara**
 CANSARAN DUMAN D., Aras S., ATAKOL O., Atasoy I.
EKOLOJİ, vol.21, no.85, pp.1-14, 2012 (SCI-Expanded)
- XLI. Assessment of air pollution genotoxicity by RAPD in Evernia prunastri L. Ach. from around iron-steel factory in Karabuk, Turkey**
 Cansaran-Duman D., ATAKOL O., Aras S.
JOURNAL OF ENVIRONMENTAL SCIENCES, vol.23, no.7, pp.1171-1178, 2011 (SCI-Expanded)
- XLII. New energetic copper(II) complexes with pyrazolyl type ligands**
 Öz S., Svoboda I., Kurtaran R., Aksu M., SARI M., Kunduraci M., ATAKOL O.
Zeitschrift fur Anorganische und Allgemeine Chemie, vol.637, no.2, pp.257-262, 2011 (SCI-Expanded)
- XLIII. Chromatographic Determination of Stabilizer in Nitrocellulose Based Propellants (A new extraction based chromatographic method for the determination of stabilizers in propellants)**
 Yucel A., İNAL E. K., AKAY M. A., ATAKOL O., ÖZ S.
CENTRAL EUROPEAN JOURNAL OF ENERGETIC MATERIALS, vol.8, no.3, pp.183-192, 2011 (SCI-Expanded)
- XLIV. Energetic trinuclear Ni^{II}-Ni^{II}-Ni^{II} complexes at high temperature : Alternative explosives**
 Çakırer O., Eker E., Ergun Ü., Gökcınar E., Tatar Yıldırım L., Dal H., ATAKOL O.
Journal of Thermal Analysis and Calorimetry, vol.101, no.3, pp.1167-1173, 2010 (SCI-Expanded)
- XLV. Crystal Structure and Thermal Decomposition of Square Planar Ni (II) Complexes with ONS Type Ligands**
 Durmus S., Arici C., ŞAHİN E., Ergun U., ATAKOL O.
JOURNAL OF CHEMICAL CRYSTALLOGRAPHY, vol.40, no.9, pp.788-793, 2010 (SCI-Expanded)
- XLVI. Thermal decomposition of linear tetranuclear copper(II) complexes including μ-azido bridges**
 Oz S., Kunduraci M., Kurtaran R., Ergun U., Arici C., Akay M. A., Atakol O., EMREGÜL K. C., Ulku D.
Journal of Thermal Analysis and Calorimetry, vol.101, no.1, pp.221-227, 2010 (SCI-Expanded)
- XLVII. Thermal decomposition of new mononuclear Ni^{II} complexes with ONNO type reduced Schiff bases and Pseudo halogens**
 ATEŞ B., Zeybek B., Aksu M., Ergun Ü., ERCAN F., AKSU M. H., ATAKOL O.
Zeitschrift fur Anorganische und Allgemeine Chemie, vol.636, no.5, pp.840-845, 2010 (SCI-Expanded)
- XLVIII. Two Heteronuclear Coordination Compounds with (NiMII)-M-II Nuclear Structure.**
 AKAY M. A., Ergun U., Gokcinar E., Svoboda I., ATAKOL O.
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.66, 2010 (SCI-Expanded)
- XLIX. Preparation of thin film alloys with electrodeposition from heterotrinuclear M 1-M 2-M 1 complexes**

- (M 1: Ni II, Cu II; M2: Cu II, CoII, ZnII, CdII)**
- Düzungün E., Ergun Ü., ERCAN F., Sert M., AKSU M. H., ATAKOL O.
 Journal of Coatings Technology and Research, vol.7, no.3, pp.365-371, 2010 (SCI-Expanded)
- L. **Dose response of hydrazine - Deproteinated tooth enamel under blue light stimulation**
 Yúce Ú. R., Meriç N., ATAKOL O., Yaşar F.
 Radiation Measurements, vol.45, no.7, pp.797-800, 2010 (SCI-Expanded)
- LI. **Two non-linear azide containing heteronuclear complexes: Crystal structure and thermal decomposition**
 Oz S., Kurtaran R., Arici C., Ergun U., Kaya F. N. D., EMREGÜL K. C., Atakol O., Ulku D.
 Journal of Thermal Analysis and Calorimetry, vol.99, no.1, pp.363-368, 2010 (SCI-Expanded)
- LII. **Estimation of coordination bond energies of NH₃, H₂O and Et₂NH ligands in the Ni(II) and Cu(II) complexes**
 Ergun Ü., ATAKOL O., Eriş F., Yücel A., Düzungün E.
 Journal of Thermal Analysis and Calorimetry, vol.97, no.3, pp.1007-1014, 2009 (SCI-Expanded)
- LIII. **Heavy Metal Accumulation in Pseudevernia furfuracea (L.) Zopf from the Karabuk Iron-Steel Factory in Karabuk, Turkey**
 Cansaran-Duman D., ATAKOL O., Atasoy I., KAHYA N. D., Aras S., Beyaztas T.
 ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.64, no.9-10, pp.717-723, 2009 (SCI-Expanded)
- LIV. **Poly[(μ -benzene-1,2,4,5-tetra-carboxylato)tetra-silver(I)]**
 Tahir M. N., ATAKOL O., Tariq M. I.
 Acta Crystallographica Section E: Structure Reports Online, vol.65, no.5, 2009 (SCI-Expanded)
- LV. **Experimental and computational investigations of a cadmium(II) mononuclear complex with 2,6-Bis(3,5-dimethyl-N-pyrazolyl)pyridine (bdmpp) and selenocyanate as ligands**
 Odabaşıoğlu S., Kurtaran R., Azizoglu A., Kara H., Öz S., ATAKOL O.
 Central European Journal of Chemistry, vol.7, no.3, pp.402-409, 2009 (SCI-Expanded)
- LVI. **Synthesis, Crystal Structure and Characterisation of a Novel Mononuclear Boron-Schiff Base Complex**
 Bilgic R., ŞAHİN E., KENAR A., ATAKOL O., KAZAZ C.
 MAIN GROUP METAL CHEMISTRY, vol.32, no.2, pp.85-92, 2009 (SCI-Expanded)
- LVII. **Crystal Structures of mu-bridged Trinuclear and Polynuclear Cadmium Metal Complexes.**
 ATAKOL O., Ulku D.
 ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.65, 2009 (SCI-Expanded)
- LVIII. **The effect of ligand basicity on the thermal stability of heterodinuclear Ni II -Zn II complexes**
 Zeybek B., ATEŞ B., ERCAN F., AKSU M. H., Kılıç E., ATAKOL O.
 Journal of Thermal Analysis and Calorimetry, vol.98, no.2, pp.377-385, 2009 (SCI-Expanded)
- LIX. **Crystal Structures of Double Oxygen-bridged Tetranuclear and Polynuclear Metal Complexes**
 Ulku D., Arici C., ATAKOL O.
 ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.65, 2009 (SCI-Expanded)
- LX. **Difference in the inhibitive effect of some Schiff base compounds containing oxygen, nitrogen and sulfur donors**
 Lece H. D., EMREGÜL K. C., ATAKOL O.
 CORROSION SCIENCE, vol.50, no.5, pp.1460-1468, 2008 (SCI-Expanded)
- LXI. **Nickel(II) complexes prepared from NNN type ligands and pseudohalogens - Synthesis, structure and thermal decomposition**
 DİNÇER KAYA F. N., Svoboda I., ATAKOL O., Ergun U., KENAR A., SARI M., EMREGÜL K. C.
 JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.92, no.2, pp.617-624, 2008 (SCI-Expanded)
- LXII. **Dichlorido-1 kappa Cl,3 kappa Cl-bis{mu-2,2'-[propane1,3-diylbis(iminomethylene)]diphenolato}1 : 2 kappa O-6,N,N',O': 2 : 3 kappa O-6,O': N,N',O'-tricopper(II)**
 Ates B. M., ERCAN F., Svoboda I., Fuess H., ATAKOL O.
 ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.64, 2008 (SCI-Expanded)

- LXIII. Di-mu(2)-acetato-1 : 2 kappa O-2 : O ' ; 2 : 3 kappa O-2 : O '-bis(N,N '-dimethylformamide)-1 kappa O,3 kappa O-bis{mu(2)-2,2 '-[propane-1,3-diylibis(imino-methylene)]diphenolato-1 kappa O-4,N,N ',O ': 2 kappa O-2,O ' ; 2 kappa O-2,O ': 3 kappa O-4,N,N ',O '-1,3-dinickel(II)-2-cadmium(II)
YILDIRIM L., ATAKOL O.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.64, 2008 (SCI-Expanded)
- LXIV. A new modified Fe(III)-selective solid membrane electrode
Duzgun E., TAŞTEKİN M., ATAKOL O.
REVIEWS IN ANALYTICAL CHEMISTRY, vol.27, no.2, pp.83-90, 2008 (SCI-Expanded)
- LXV. Crystal structure and thermal analysis of new mononuclear nickel (II) complexes with NNN type pyrazolyl ligands and halids
TAŞTEKİN M., Durmus S., ŞAHİN E., Arici C., EMREGÜL K. C., ATAKOL O.
ZEITSCHRIFT FUR KRISTALLOGRAPHIE, vol.223, no.6, pp.424-429, 2008 (SCI-Expanded)
- LXVI. Crystal structures of two new tetranuclear copper complexes based on Schiff-base ligands
Ullku D., Arici C., ATAKOL O.
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.64, 2008 (SCI-Expanded)
- LXVII. Crystal structure of a new homo trinuclear Ni(II) complex with mu-cyanoacetato bridge
Ates B. M., ERCAN F., Aksu M. L., ATAKOL O.
ZEITSCHRIFT FUR KRISTALLOGRAPHIE, vol.223, no.8, pp.530-535, 2008 (SCI-Expanded)
- LXVIII. Preparation and characterization of PVA/boron polymer produced by an electrospinning technique
Uslu I., Dastan H., Altas A., Yayli A., Atakol O., Aksu M. L.
E-Polymers, 2007 (SCI-Expanded)
- LXIX. Dibromido-2 kappa Br-2-bis(4-methylpyridine-1 kappa N){mu-2,2 '-[propane-1,3-diylibis(nitrilomethylidyne)]diphenolato-1 kappa O-4,N,N ',O ': 2 kappa O-2,O '}nickel(II)zinc(II)
YILDIRIM L., Atakol O.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (SCI-Expanded)
- LXX. Three new dinuclear silver(I) complexes derived from pyrazolyl type ligands: Crystal structure and thermal decomposition
Atakol O., Fuess H., Kurtaran R., Akay A., Arici C., Ergun U., Emreguel K. C.
Journal of Thermal Analysis and Calorimetry, vol.90, no.2, pp.517-523, 2007 (SCI-Expanded)
- LXXI. Investigation on the thermal decomposition some heterodinuclear Ni II-MII complexes prepared from ONNO type reduced Schiff base compounds (M II=ZnII, CdII)
Aksu M., Durmus S., Sari M., Emreguel K. C., Svoboda I., Fuess H., Atakol O.
Journal of Thermal Analysis and Calorimetry, vol.90, no.2, pp.541-547, 2007 (SCI-Expanded)
- LXXII. Synthesis, characterization, crystal structure and thermal analysis of a copper(II) mononuclear compound with 2,6-bis(3,5-dimethyl-N-pyrazolyl)pyridine (bdmpp) and selenocyanate as ligands
Kurtaran R., Namli H., Kazak C., Turhan O., ATAKOL O.
Journal of Coordination Chemistry, vol.60, no.20, pp.2133-2138, 2007 (SCI-Expanded)
- LXXIII. Diiodido-2 kappa I-2-bis(4-methylpyridine-1 kappa N)-mu-{2,2 '-[1,3-propanediylbis(nitrilomethylidyne)]diphenolato-1 kappa O-4,N,N ',O ': 2 kappa O-2,O '}nickel(II)zinc(II)
YILDIRIM L., Atakol O., Kavak G.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (SCI-Expanded)
- LXXIV. Experimental and computational study on [2,6-bis(3,5-dimethyl-N-pyrazolyl)pyridine]- (dithiocyanato)mercury(II)
Kurtaran R., Odabasioglu S., AZİZÖĞLU A., Kara H., ATAKOL O.
POLYHEDRON, vol.26, no.17, pp.5069-5074, 2007 (SCI-Expanded)
- LXXV. 2,2 '-[1,1 -(propane-2,2-diyldiimino)-diethylidene]diphenol
Sahin E., Bilgic R., KENAR A., Atakol O.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (SCI-Expanded)
- LXXVI. Bis[mu(2)-2,2 '-dimethyl-N,N '-bis(2-oxido-benzyl)propane-1,3-diamine]-1 kappa O-4,N,N ',O ': 2 kappa O-2,O ' ; 2 kappa O-2,O ': 3 kappa O-4,N,N ',O '-bis(N,N '-dimethylformamide)-1 kappa O,3 kappa

- 0-di-mu(2)-formato-1 : 2 kappa O-2 : O';2 : 3 kappa O-2 : O'-trinickel(II)**
YILDIRIM L., Atakol O., Kavak G.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (SCI-Expanded)
- LXXVII. Copper (II)-selective membrane electrodes based on Cu (II)-schiff base complexes as an ionophore**
Tastekin M., Tunali F., Atakol O., Kilic E.
Reviews in Analytical Chemistry, vol.26, no.3, pp.155-168, 2007 (SCI-Expanded)
- LXXVIII. Schiff bases of increasing complexity as mild steel corrosion inhibitors in 2 M HCl**
Kustu C., EMREGÜL K. C., Atakol O.
CORROSION SCIENCE, vol.49, no.7, pp.2800-2814, 2007 (SCI-Expanded)
- LXXIX. The synthesis, structure and thermal decomposition of some Cu(II) complexes with NNN type ligands and thiocyanate anion**
Tastekin M., Arici C., Svoboda I., EMREGÜL K. C., Kurtaran R., Atakol O., Fuess H.
Zeitschrift fur Kristallographie, vol.222, no.5, pp.255-258, 2007 (SCI-Expanded)
- LXXX. Heterodinuclear Ni(II)-Sn(II) complexes from reduced ONNO type Schiff base compounds**
Oz S., Arici C., EMREGÜL K. C., Ergun U., Atakol O., KENAR A.
Zeitschrift fur Kristallographie, vol.222, no.5, pp.249-254, 2007 (SCI-Expanded)
- LXXXI. Comparison of hydride generation atomic absorption and electrothermal atomic absorption techniques for determination of lead in blood**
Kaya F. N. D., Atakol O., Dincer S. L.
Trace Elements and Electrolytes, vol.24, no.1, pp.19-23, 2007 (SCI-Expanded)
- LXXXII. HPLC analysis of usnic acid in some Ramalina species from anatolia and investigation of their antimicrobial activities**
Cansaran D., Atakol O., Halici M. G., AKSOY A.
Pharmaceutical Biology, vol.45, no.1, pp.77-81, 2007 (SCI-Expanded)
- LXXXIII. Crystal and molecular structure of a new trinuclear copper(II) complex: Cu₃L₂(NCS)₂·2.5(C₄H₈O₂), L = bis-N,N'(salicylidene)1,3-propanediamine dianion**
Ercan F., Atakol O.
Zeitschrift fur Kristallographie, vol.221, no.11, pp.735-739, 2006 (SCI-Expanded)
- LXXXIV. Thermal decomposition of some linear trinuclear schiff base complexes with acetate bridges**
Durmus S., Ergun U., Jaud J. C., EMREGÜL K. C., Fuess H., Atakol O.
Journal of Thermal Analysis and Calorimetry, vol.86, no.2, pp.337-346, 2006 (SCI-Expanded)
- LXXXV. A crystallographic and spectroscopic study on the imine-amine tautomerism of 2-hydroxyaldimine compounds**
NAZIR H., Arici C., EMREGÜL K. C., Atakol O.
Zeitschrift fur Kristallographie, vol.221, no.10, pp.699-704, 2006 (SCI-Expanded)
- LXXXVI. The application of some polydentate Schiff base compounds containing aminic nitrogens as corrosion inhibitors for mild steel in acidic media**
EMREGÜL K. C., Duzgun E., Atakol O.
Corrosion Science, vol.48, no.10, pp.3243-3260, 2006 (SCI-Expanded)
- LXXXVII. Synthesis, crystal structure and thermoanalysis of bis{[μ-bis-N, N'-(2-hydroxybenzoyl)-1,3-propandiaminato](N,N'-dimethyl formamide) (μ-benzoato)nickel(II)}nickel(II)**
AKAY M. A., Arici C., Atakol O., Fuess H., Svoboda I.
Journal of Coordination Chemistry, vol.59, no.8, pp.933-938, 2006 (SCI-Expanded)
- LXXXVIII. Magnetic properties of trinuclear Ni-M-Ni complexes, M = Mn, Co and Ni**
Atakol O., Boca R., Ercan I., Ercan F., Fuess H., Haase W., Herchel R.
Chemical Physics Letters, vol.423, no.1-3, pp.192-196, 2006 (SCI-Expanded)
- LXXXIX. Time-based elution of TEGDMA and BisGMA from resin composite cured with LED, QTH and high-intensity QTH lights**
Nalcaci A., Ulusoy N., Atakol O.
OPERATIVE DENTISTRY, vol.31, no.2, pp.197-203, 2006 (SCI-Expanded)
- XC. Crystal structure analysis of {bis-2,6-(3,5-dimethylprazolyl) pyridine-dicyanato}**

copper(II)monohydrate

Arici C., Ulku D., Kurtaran R., Ergun U., Atakol O.

Crystal Research and Technology, vol.41, no.3, pp.309-313, 2006 (SCI-Expanded)

- XCI. **Di- μ -acetato-bis[μ -2-hydroxy-N,N'-bis(2-oxidobenzyl)propane-1, 3-diamine]bis(N,N'-dimethylformamide)trinickel(II) N,N'- dimethylfoimamide disolvate**
Sari M., Atakol O., Svoboda I., Fuess H.

Acta Crystallographica Section E: Structure Reports Online, vol.62, no.3, 2006 (SCI-Expanded)

- XCII. **Crystal structure analysis of N,N'-bis(salicylidene)-2-methyl-1,2- propanediaminato-nickel(II)**
Arici C., Ulku D., Atakol O., Svoboda I., Fuess H.

Crystal Research and Technology, vol.41, no.3, pp.304-308, 2006 (SCI-Expanded)

- XCIII. **Crystal structure analysis of {[μ -N,N'-Bis(salicylidene)-1,3-propanediaminato]nickel(II)}dichloromercury(II)**
Arici C., Ulku D., Atakol O., Tahir M.

Crystal Research and Technology, vol.41, no.2, pp.204-208, 2006 (SCI-Expanded)

- XCIV. **Determination of usnic acid in some Rhizoplaca species from middle Anatolia and their antimicrobial activities**
Cansaran D., Cetin D., Halici M., Atakol O.

Zeitschrift fur Naturforschung - Section C Journal of Biosciences, vol.61, no.1-2, pp.47-51, 2006 (SCI-Expanded)

- XCV. **Synthesis, crystal structure and magnetic behaviour of a mononuclear Fe(III) - Schiff base metal complex**
NAZIR H., Akben N., Ates M. B., Sozeri H., Ercan I., Atakol O., Ercan F.

ZEITSCHRIFT FUR KRISTALLOGRAPHIE, vol.221, no.4, pp.276-280, 2006 (SCI-Expanded)

- XCVI. **Identification and quantitation of usnic acid from the lichen Usnea species of anatolia and antimicrobial activity**
Cansaran D., KAHYA N. D., Yurdakulol E., Atakol O.

Zeitschrift fur Naturforschung - Section C Journal of Biosciences, vol.61, no.11-12, pp.773-776, 2006 (SCI-Expanded)

- XCVII. **The corrosion inhibition of steel with Schiff base compounds in 2 M HCl**
EMREGÜL K. C., Akay A., Atakol O.

Materials Chemistry and Physics, vol.93, no.2-3, pp.325-329, 2005 (SCI-Expanded)

- XCVIII. **Synthesis, characterization, crystal structure and biological activity of a novel heterotetrานuclear complex: [NiLPb(SCN)2(DMF)(H 20)]2, bis-{[μ -N,N'-bis(salicylidene)-1,3- propanediaminato-aqua-nickel(II)](thiocyanato)(μ -thiocyanato)(μ -N, N'-dimethylformamide)lead(II)}**
Kurtaran R., YILDIRIM L., Azaz A., Namli H., Atakol O.

Journal of Inorganic Biochemistry, vol.99, no.10, pp.1937-1944, 2005 (SCI-Expanded)

- XCIX. **Two new mononuclear Ni(II) complexes with reduced ONNO type Schiff base**
Durmus S., Tatar L., Arici C., Dincer N., Atakol O., Svoboda I., Fuess H.

Zeitschrift fur Kristallographie, vol.220, no.11, pp.977-982, 2005 (SCI-Expanded)

- C. **Synthesis and crystal structure of a homotrinuclear Ni(II) complex**
Durmus S., Ates B., Atakol O., Ercan F.

Zeitschrift fur Kristallographie, vol.220, no.11, pp.973-976, 2005 (SCI-Expanded)

- CI. **Synthesis, crystal structure and electrochemical behaviour of water soluble Schiff bases**
Tatar L., NAZIR H., Gumuser M., Kale C., Atakol O.

Zeitschrift fur Kristallographie, vol.220, no.7, pp.639-642, 2005 (SCI-Expanded)

- CII. **A linear homotrinuclear nickel(II) complex with a reduced ONNO-type Schiff base**
Arici C., Yuze D., Atakol O., Fuess H., Svoboda I.

Acta Crystallographica Section E: Structure Reports Online, vol.61, no.5, 2005 (SCI-Expanded)

- CIII. **Spectrofluorimetric determination of trace aluminum in diluted hemodialysis solutions**
Gunduz S., Kucukkolbasy S., Atakol O., Kylyc E.

Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, vol.61, no.5, pp.913-921, 2005 (SCI-Expanded)

- CIV. **Synthesis, Characterization and Crystal Structure of new Transition Metal Compounds of Thiocyanate**
YILDIRIM L., Kurtaran R., ATAKOL O.
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.61, 2005 (SCI-Expanded)
- CV. **Synthesis and crystal structure of two dimeric cadmium(II) complexes bonded with pseudohalides, 1.1 and 1.3 bonding**
Ercan F., Arici C., Ulku D., Kurtaran R., Aksu M., Atakol O.
Zeitschrift fur Kristallographie, vol.219, no.5, pp.295-299, 2004 (SCI-Expanded)
- CVI. **Electrochemical reduction of some Schiff bases on platinum in non-aqueous media**
POLAT K., Ugar M., Aksu M., Atakol O.
Bulletin of Electrochemistry, vol.20, no.5, pp.207-212, 2004 (SCI-Expanded)
- CVII. **Structural analysis of bis{(N,N'-dimethylformamide) (μ formato)[μ -bis(salicylidene)-1,3-propanediaminato] nickel(II)} copper(II) and zinc(II) monohydrate hetero-trinuclear complexes**
Ercan F., Ates M., Ercan Y., Durmus S., Atakol O.
Crystal Research and Technology, vol.39, no.5, pp.470-476, 2004 (SCI-Expanded)
- CVIII. **Corrosion inhibition of iron in 1 M HCl solution with Schiff base compounds and derivatives**
EMREGÜL K. C., Atakol O.
Materials Chemistry and Physics, vol.83, no.2-3, pp.373-379, 2004 (SCI-Expanded)
- CIX. **Corrosion inhibition of mild steel with Schiff base compounds in 1 M HCl**
EMREGÜL K. C., Atakol O.
Materials Chemistry and Physics, vol.82, no.1, pp.188-193, 2003 (SCI-Expanded)
- CX. **Synthesis, crystal structure and electrochemical behaviour of [2,6-bis(3,5-dimethylpyrazolyl)pyridine](dithiocyanato)cobalt(II)**
Arici C., Ulku D., Kurtaran R., EMREGÜL K. C., Atakol O.
Zeitschrift fur Kristallographie, vol.218, no.7, pp.497-500, 2003 (SCI-Expanded)
- CXI. **Synthesis, crystal structure, and electrochemical behaviour of an azido mu-bridged Ni²⁺ complex**
Kurtaran R., Arici C., EMREGÜL K. C., Ulku D., Atakol O., Tastekin M.
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, vol.629, no.9, pp.1617-1621, 2003 (SCI-Expanded)
- CXII. **Crystal structure of {[μ -bis(salicylidene)-1,3-propanediaminato]-copper(II)}dibromozinc(II)**
Ulku D., KAYNAK F. B., Atakol O., Aksu M.
Analytical Sciences, vol.19, no.5, pp.799-800, 2003 (SCI-Expanded)
- CXIII. **Crystal structure of [2,6-bis(3,5-dimethyl-N-pyrazolyl)pyridine]-(azido)(chloro)copper(II)**
Kurtaran R., Arici C., Durmu S., Ulku D., Atakol O.
Analytical Sciences, vol.19, no.2, pp.335-336, 2003 (SCI-Expanded)
- CXIV. **Some new Ni-Zn heterodinuclear complexes: Square-pyramidal nickel(II) coordination**
Atakol O., NAZIR H., Arici C., Durmus S., Svoboda I., Fuess H.
Inorganica Chimica Acta, vol.342, pp.295-300, 2003 (SCI-Expanded)
- CXV. **Conductimetric and potentiometric investigation of effects of solvents and titrant on formation of homoconjugates**
Canel E., Tastekin M., Atakol O., Kilic E.
Turkish Journal of Chemistry, vol.27, no.1, pp.77-83, 2003 (SCI-Expanded)
- CXVI. **An investigation of chloride-substituted Schiff bases as corrosion inhibitors for steel**
EMREGÜL K. C., Kurtaran R., Atakol O.
Corrosion Science, vol.45, no.12, pp.2803-2817, 2003 (SCI-Expanded)
- CXVII. **Synthesis and crystal structure of linear chain homotetrานuclear complexes with N3-**
Kurtaran R., EMREGÜL K. C., Arici C., Ercan F., Catalano V., Atakol O.
Synthesis and Reactivity in Inorganic and Metal-Organic Chemistry, vol.33, no.2, pp.281-296, 2003 (SCI-Expanded)
- CXVIII. **Synthesis Crystal Structure and Electrochemical Behaviour of an Azido bridged Ni² complex**
KURTARAN R., ARICI C., EMREGÜL K. C., DİNÇER Ü., ATAkol O., TAŞTEKİN M.
Zeitschrift für Allgemeine und Analytische Chemie., Z. Anorg. Allg. Chem, vol.629, pp.1617-1621, 2003 (SCI-Expanded)

- Expanded)
- CXIX. X-ray structure of {[μ -N,N'-Bis(salicylidene)-1,3-propane-diamine] (dimethylformamide) zinc(II)} dibromo cadmium(II)
Arici C., Ulku D., Aksu M., Atakol O.
Journal of Chemical Crystallography, vol.33, no.11, pp.825-829, 2003 (SCI-Expanded)
- CXX. Crystal structure analysis of Bis{(N,N'-dimethylformamide)-[μ -bis-N,N'-(2-oxybenzyl)-1,3-propanediaminato](μ -acetato) nickel(II)}nickel(II)
Tatar Yildirim L., ATAKOL O.
Crystal Research and Technology, vol.37, no.12, pp.1352-1359, 2002 (SCI-Expanded)
- CXXI. Crystal structure of a tetramer zinc complex: Bis{ μ -[N,N'-bis(salicylidene)- 1,3-propanediaminato-zinc(II)]chloro- μ -azido)zinc(II)}
Tatar L., Ulku D., Atakol O., Kurtaran R.
Analytical Sciences, vol.18, no.10, pp.1171-1172, 2002 (SCI-Expanded)
- CXXII. Crystal structure analysis of {[μ -N,N'-bis(salicylidene)-2,2'-dimethyl-1,3-propanediaminato] (dimethylformamide) zinc(II)}diiodomercury(II)
Arici C., Ülkü D., ATAKOL O., Aksu M.
Crystal Research and Technology, vol.37, no.5, pp.520-527, 2002 (SCI-Expanded)
- CXXIII. Liquid-membrane electrode sensitive to ammonia and aliphatic amines based on 1-[$(2$ -oxyphenyl)iminomethyl]-2-oxybenzene-O,O', N-ammin-nickel(II) complex
Basgut O., Durmus Z., Atakol O., Kılıç E.
Talanta, vol.57, no.4, pp.813-817, 2002 (SCI-Expanded)
- CXXIV. Bis{[μ -N, N'-bis(salicylidene)-1,4-butanediamine-N, N', O, O '-copper(II)]- μ -chlorochloromercury(II)}
Ercan I., Ercan F., Arici C., Atakol O.
Acta Crystallographica Section C: Crystal Structure Communications, vol.58, no.2, 2002 (SCI-Expanded)
- CXXV. Three heterotrinuclear Schiff base complexes of nickel(II) with cobalt(II), copper(II) and manganese(II)
Ercan F., Atakol O., Arici C., Svoboda I., Fuess H.
Acta Crystallographica Section C: Crystal Structure Communications, vol.58, no.3, 2002 (SCI-Expanded)
- CXXVI. Crystal structure of bis{(N,N'-dimethylformamide)(μ -formato)[μ -bis-(salicylidene)-1, 3-propanediaminato]nickel(II)}cobalt(II)monohydrate
Arici C., Ulku D., Atakol O.
Analytical Sciences, vol.18, no.8, pp.959-960, 2002 (SCI-Expanded)
- CXXVII. Crystal structure of [N,N'-bis(3,5-dinitrosalicylidene)-1, 3-propanediaminato)-bis(3,4-dimethylpyridine)]nickel(II)dioxane solvate
Arici C., Ercan F., Atakol O., Basgut O.
Analytical Sciences, vol.18, no.3, pp.375-376, 2002 (SCI-Expanded)
- CXXVIII. Crystal structure of a symmetrical heterotrinuclear NiII-MnII-NiII complex: Bis{(N,N'-dimethylformamide) (μ -acetato) [μ -N,N'-bis(salicylidene)-2-hydroxy-1,3-propanediamine]nickel(II)}manganese(II)
Atakol O., NAZIR H., Durmus Z., Svoboda I., Fuess H.
Analytical Sciences, vol.18, no.4, pp.493-494, 2002 (SCI-Expanded)
- CXXIX. Crystal structure of bis{(N,N'-dimethylformamide) (μ -acetato)[μ -(N,N'-bis(salicylidene)-2-hydroxy-1,3-propanediamine] nickel(II)} cadmium(II)
NAZIR H., Arici C., Svoboda I., Düzgün E., ATAKOL O., Fuess H.
Main Group Metal Chemistry, vol.24, no.5, pp.313-314, 2001 (SCI-Expanded)
- CXXX. Crystal structure of bis-{ μ -acetato[μ -N,N'-bis(salicylidene)-2,2'-dimethyl-1,3-propanediaminato]zinc(II)} zinc(II)
Arici C., SARI M., ATAKOL O., Fuess H., Svoboda I.
Main Group Metal Chemistry, vol.24, no.4, pp.255-256, 2001 (SCI-Expanded)
- CXXXI. Investigations on some heterotrinuclear complexes of nickel(II) and copper(II)

- Atakol O., Durmus S., Durmus Z., Arici C., Cicek B.
 Synthesis and Reactivity in Inorganic and Metal-Organic Chemistry, vol.31, no.9, pp.1689-1704, 2001 (SCI-Expanded)
- CXXXII. **[N,N'-bis(salicylidene)-2,2-dimethyl-1,3-propanediaminato]nickel(II) and [N,N'-bis(salicylidene)-2,2-dimethyl-1,3-propanediaminato]copper(II)**
 Arici C., Ercan F., Kurtaran R., Atakol O.
 Acta Crystallographica Section C: Crystal Structure Communications, vol.57, no.7, pp.812-814, 2001 (SCI-Expanded)
- CXXXIII. **Crystal structure of bis{N,N'xx-dimethylformamide) (mu-acetato)[mu-(N,N'xx-bis(salicylidene)-2-hydroxy-1,3-propanediamine) nickel(II)} cadmium(II)**
 NAZIR H., Arıcı C., Svoboda I., Düzgün E., ATAKOL O., Fuess H.
 Main Group Metal Chemistry, vol.24, no.5, pp.313-314, 2001 (SCI-Expanded)
- CXXXIV. **Bis{(μ -acetato)[μ -bis(salicylidene)-1,3-propanediaminato]zinc(II)} zinc(II)**
 Ullku D., Tatar L., Atakol O., Aksu M.
 Acta Crystallographica Section C: Crystal Structure Communications, vol.57, no.3, pp.273-274, 2001 (SCI-Expanded)
- CXXXV. **Crystal structure of bis{(N,N'xx-dimethylformamide) (mu-acetato)[mu-(N,N'xx-bis(salicylidene)-2-hydroxy-1,3-propanediamine) nickel(II)} zinc(II)**
 ATAKOL O., NAZIR H., Arıcı C., Svoboda I., Fuess H.
 Main Group Metal Chemistry, vol.24, no.2, pp.125-126, 2001 (SCI-Expanded)
- CXXXVI. **{Bis(N,N-dimethylformamide)[μ -N,N'-bis(salicylidene)-1,3-propane-diaminato]nickel(II)}dibromozinc(II)**
 Arici C., Svoboda I., Sari M., Atakol O., Fuess H.
 Acta Crystallographica, Section C: Crystal Structure Communications, vol.57, no.1, pp.31-32, 2001 (SCI-Expanded)
- CXXXVII. **Crystal structure of bis{(N,N'-dimethylformamide) (μ -acetato)[μ -N,N'-bis(salicylidene)-2-hydroxy-1,3-propanediamine) nickel(II)} zinc(II)**
 ATAKOL O., NAZIR H., Arıcı C., Svoboda I., Fuess H.
 Main Group Metal Chemistry, vol.24, no.2, pp.125-126, 2001 (SCI-Expanded)
- CXXXVIII. **Crystal structure of {Bis[N-(2-hydroxyethylamino)ethylsalicylaldiminato]-iron (III)} chloride**
 KENAR A., Arici C., Aksu M., Tahir M., Durmus S., Atakol O.
 Analytical Sciences, vol.17, no.4, pp.569-570, 2001 (SCI-Expanded)
- CXXXIX. **A nitrate-selective electrode based on tris(2,2',2'',-salicylideneimino)triethylamine**
 Aslan N., KENAR A., Atakol O., Kilic E.
 Analytical Sciences, vol.17, no.11, pp.1269-1272, 2001 (SCI-Expanded)
- CXL. **The crystal structure of a dimeric complex formed between boric acid and N-2-hydroxyphenylsalicylaldimin**
 Yalcin N., KENAR A., Arici C., Atakol O., Tastekin M.
 Main Group Metal Chemistry, vol.24, no.4, pp.247-248, 2001 (SCI-Expanded)
- CXLI. **Crystal structure of {[μ -N,N'-BIS(salicylidene)-2,2'-dimethyl-1,3-propanediamine] (piperidine)copper(II)}dichlorozinc(II)**
 Atakol O., Durmus S., Arici C., Svoboda I., Fuess H.
 Main Group Metal Chemistry, vol.23, no.12, pp.791-792, 2000 (SCI-Expanded)
- CXLII. **Some di- and trinuclear zinc complexes: Anion induced complex formation**
 Atakol O., NAZIR H., Aksu M., Arici C., Ercan F., Cicek B.
 Synthesis and Reactivity in Inorganic and Metal-Organic Chemistry, vol.30, no.4, pp.709-718, 2000 (SCI-Expanded)
- CXLIII. **Dichlorobis[2-(o-tolylimino)methyl]-phenolato-O]zinc(II)**
 Ullku D., Arici C., Tahir M., Atakol O.
 Acta Crystallographica Section C: Crystal Structure Communications, vol.56, no.11, pp.1298-1299, 2000 (SCI-Expanded)
- CXLIV. **{[μ -Bis(salicylidene)-1,3-propanediaminato]-bis(4-methylpyridine) nickel(II)}dichlorozinc(II)**
 Atakol O., Ercan F., Arici C., Fuess H., Svoboda I.

- Acta Crystallographica Section C: Crystal Structure Communications, vol.55, no.12, pp.2023-2026, 1999 (SCI-Expanded)
- CXLV. **{[μ -Bis(salicylidene)-1,3-propanediaminato]-copper(II)} dibromomercury(II)**
 KAYNAK F. B., Ulku D., Atakol O., Durmus S.
 Acta Crystallographica Section C: Crystal Structure Communications, vol.55, no.11, pp.1784-1785, 1999 (SCI-Expanded)
- CXLVI. **4-Chloro-2-(4-oxopent-2-en-2-ylamino)-phenol**
 Arici C., Tahir M., Ulku D., Atakol O.
 Acta Crystallographica Section C: Crystal Structure Communications, vol.55, no.10, pp.1691-1692, 1999 (SCI-Expanded)
- CXLVII. **Bis{(μ -nitrato)[μ -bis(salicylidene)-1,3-propanediaminato]copper(II)} zinc(II)**
 Ulku D., Tatar L., Atakol O., Durmus S.
 Acta Crystallographica Section C: Crystal Structure Communications, vol.55, no.10, pp.1652-1654, 1999 (SCI-Expanded)
- CXLVIII. **Aqua[N,N'-bis(salicylidene)-1,3-propanediaminato]copper(II)**
 Arici C., Ercan F., Atakol O., Cakirer O.
 Acta Crystallographica Section C: Crystal Structure Communications, vol.55, no.10, pp.1654-1655, 1999 (SCI-Expanded)
- CXLI. **{[μ -N,N'-Bis(salicylidene)-1,3-propanediaminato]copper(II)} dichloromercury(II)**
 Atakol O., Arici C., Tahir M., KENAR A., Ulku D.
 Acta Crystallographica Section C: Crystal Structure Communications, vol.55, no.9, pp.1416-1418, 1999 (SCI-Expanded)
- CL. **A linear trinuclear CdII-CdII-CdII complex with a μ -acetato bridge: Bis{(μ -acetato)[μ -bis(salicylidene)-1,3-propanediaminato]-cadmium(II)} cadmium(II)**
 Atakol O., Aksu M., Ercan F., Arici C., Tahir M., Ulku D.
 Acta Crystallographica Section C: Crystal Structure Communications, vol.55, no.7, pp.1072-1075, 1999 (SCI-Expanded)
- CLI. **{[μ -Bis(salicylidene)-1,3-propanediaminato]bis(3,5-dimethylpyridine)- nickel(II)}diiodozinc(II)**
 Arici C., Ercan F., Atakol O., Akay A., Ulku D.
 Acta Crystallographica Section C: Crystal Structure Communications, vol.55, no.6, pp.928-930, 1999 (SCI-Expanded)
- CLII. **{[μ -Bis(salicylidene)-1,3-propanediaminato]copper(II)}diiodozinc(II) †**
 Ercan F., Arici C., Ulku D., Atakol O., Aksu M.
 Acta Crystallographica Section C: Crystal Structure Communications, vol.55, no.6, pp.930-932, 1999 (SCI-Expanded)
- CLIII. **{[μ -Bis(salicylidene)-1,3-propanediaminato](3-methylpyridine)copper(I I)} -diiodozinc(II)**
 Ercan F., Arici C., Akay A., Atakol O., Ulku D.
 Acta Crystallographica Section C: Crystal Structure Communications, vol.55, no.6, pp.925-928, 1999 (SCI-Expanded)
- CLIV. **{[μ -Bis(salicylidene)-1,3-propanediaminato]-copper(II)}dichlorozinc(II)**
 Tatar L., Atakol O., Ulku D., Aksu M.
 Acta Crystallographica Section C: Crystal Structure Communications, vol.55, no.6, pp.923-925, 1999 (SCI-Expanded)
- CLV. **The non-aqueous titrimetric assay of the selected anti-inflammatory agents using tetra-n-butylammonium hydroxide as titrant**
 Cakirer O., Kilic E., Atakol O., KENAR A.
 Journal of Pharmaceutical and Biomedical Analysis, vol.20, no.1-2, pp.19-26, 1999 (SCI-Expanded)
- CLVI. **Zinc(II) complexes of bidentate Schiff base ligands containing methoxyphenyl and nitrophenyl groups**
 Tatar L., Ulku D., Atakol O.
 Acta Crystallographica Section C: Crystal Structure Communications, vol.55, no.4, pp.508-510, 1999 (SCI-

- Expanded)
- CLVII. **Bis{(μ -acetato)[μ -bis(salicylidene)-1,3-propanediaminato]copper(II)} copper(II) dioxane solvate**
Atakol O., Arici C., Ercan F., Ulku D.
Acta Crystallographica Section C: Crystal Structure Communications, vol.55, no.4, pp.511-513, 1999 (SCI-Expanded)
- CLVIII. **Crystal structure of [μ -N,N'-bis(salicylidene)-1,3-propanediaminato-methanolatozinc(II)]dichlorozinc(II) homodinuclear complex methanol solvate**
Atakol O., Tatar L., Akay M. A., Ulku D.
Analytical Sciences, vol.15, no.2, pp.199-200, 1999 (SCI-Expanded)
- CLIX. **Crystal structure of dinicotinato-tetraqua-copper(II)**
KENAR A., Arici C., Atakol O., Ulku D.
Analytical Sciences, vol.15, no.4, pp.399-400, 1999 (SCI-Expanded)
- CLX. **Crystal structure of {2-[{(2-hydroxyphenyl)iminomethyl]-4,6-dinitrophenolato-O,N,O'}tris(3-ethylpyridine-N)nickel(II)}**
Sari M., Atakol O., Yilmaz N., Ulku D.
Analytical Sciences, vol.15, no.4, pp.401-402, 1999 (SCI-Expanded)
- CLXI. **Crystal structure of trinuclear complex, bis[μ -N,N'-bis(salicylidene)-1,3propanediaminato(dimethylformamide)-(μ -nitrito-N)nickel(II)]cobalt(II)**
Atakol O., Tatar L., Akay M. A., Ulku D.
Analytical Sciences, vol.15, no.1, pp.101-102, 1999 (SCI-Expanded)
- CLXII. **Crystal structure of bis[1-(3-chloro-4-methylphenyl)iminomethylbenzen-2-oxy-O,N]zinc(II)**
Tatar L., Canel E., Atakol O., Ulku D.
Analytical Sciences, vol.15, no.1, pp.103-104, 1999 (SCI-Expanded)
- CLXIII. **Bis{(μ -acetato)[μ -bis(salicylidene)-1,3-propanediaminato] copper(II)} cadmium(II) dioxane solvate**
Ercan F., Ulku D., Atakol O., Dincer F.
Acta Crystallographica Section C: Crystal Structure Communications, vol.54, no.12, pp.1787-1790, 1998 (SCI-Expanded)
- CLXIV. **Potentiometric investigation of the effects of several substituents on the basicity of benzilidene-o-hydroxyaniline**
Kılıç E., Atakol O., Canel E., Alibeşeoğlu Z., Gündüz T., Köseoğlu F.
Turkish Journal of Chemistry, vol.22, no.4, pp.387-391, 1998 (SCI-Expanded)
- CLXV. **A linear trinuclear NiII-MnII-NiII complex with a μ -acetato bridge: Bis{(μ -acetato)[μ -bis(salicylidene)-1,3-propanediaminato](N,N-dimethylformamide)nickel(II)}manganese(II)**
Ercan F., Atakol O.
Acta Crystallographica Section C: Crystal Structure Communications, vol.54, no.9, pp.1268-1270, 1998 (SCI-Expanded)
- CLXVI. **{2-[{(2-hydroxy-5-methylphenyl)imino-methyl]-4,6-dinitrophenolato(2)-O,N,O'}-tris(3-methylpyridine-N)nickel(II)}**
Tahir M., Ulku D., Atakol O., Basgut O.
Acta Crystallographica Section C: Crystal Structure Communications, vol.54, no.5, pp.623-625, 1998 (SCI-Expanded)
- CLXVII. **Bis[μ -N,N'-bis(salicylidene)-1,3-propanediaminato] bis(dimethylformamide)di(μ -nitrito)copper(II)dinickel(II)-dimethylformamide (1/2)**
Tahir M., Ulku D., Atakol O., Cakirer O.
Acta Crystallographica Section C: Crystal Structure Communications, vol.54, no.4, pp.468-470, 1998 (SCI-Expanded)
- CLXVIII. **Some complexes of tin(II) and tin(IV) with ONO-type dihydroxy Schiff bases**
Tastekin M., KENAR A., Atakol O., Tahir M., Ulku D.
Synthesis and Reactivity in Inorganic and Metal-Organic Chemistry, vol.28, no.10, pp.1727-1741, 1998 (SCI-Expanded)
- CLXIX. **Crystal Structure of the N-(2-Salicylidene-ethyl)-ethanolaminato-dichloro-iron(III) Complex**

- KENAR A., Atakol O., Tahir M., Ulku D.
Analytical Sciences, vol.14, no.2, pp.457-458, 1998 (SCI-Expanded)
- CLXX.** **Crystal Structure of Dimeric [4-{(2-Oxybenzyl)imino}-2-penten-2-olato-O,O',N]copper(II) Complex**
Ulku D., Arici C., Tahir M., Atakol O., Tastekin M.
Analytical Sciences, vol.14, no.2, pp.455-458, 1998 (SCI-Expanded)
- CLXXI.** **Bis{(μ -acetato)[μ -bis(salicylidene)-1,3-propanediaminato](dimethyl sulfoxide)-nickel(II)}nickel(II)**
Ulku D., Ercan F., Atakol O., Dincer F.
Acta Crystallographica Section C: Crystal Structure Communications, vol.53, no.8, pp.1056-1057, 1997 (SCI-Expanded)
- CLXXII.** **Bis{(μ -acetato)[μ -bis(salicylidene)-1,3-propanediaminato](N,N- dimethylformamide)nickel(II)}cadmium(II)**
Ulku D., Tahir M., Atakol O., NAZIR H.
Acta Crystallographica Section C: Crystal Structure Communications, vol.53, no.7, pp.872-874, 1997 (SCI-Expanded)
- CLXXIII.** **Bis{2-[(3-aminopropyl)iminomethyl]-4,6-dinitrophenolato-O,N,N'} nickel(II)**
Tahir M., Ulku D., NAZIR H., Atakol O.
Acta Crystallographica Section C: Crystal Structure Communications, vol.53, no.2, pp.181-183, 1997 (SCI-Expanded)
- CLXXIV.** **Bis{2-[(2-hydroxybenzyl)iminomethyl]-phenolato(2)-O:O,N,O'} dicopper(II)**
Ulku D., Ercan F., Atakol O., Ercan I., Gencer A.
Acta Crystallographica Section C: Crystal Structure Communications, vol.53, no.2, pp.179-181, 1997 (SCI-Expanded)
- CLXXV.** **Crystal Structure of Bis[4-(5-methyl-2-oxyphenyl- κ O,2 κ O)-4-imino-2-penten-2-olato-O,O',N']copper(II)**
Atakol O., Ercan F., Ulku D., Yilmaz N.
Analytical Sciences, vol.13, no.6, pp.1051-1052, 1997 (SCI-Expanded)
- CLXXVI.** **Crystal structure of {N,N'-di-(2-hydroxy-1-naphthylidene)-1-methyl-1, 2-diaminoethane-N,N',O,O'}nickel(II), (C25H20N2O2)Ni(II)**
ERCAN F., SARI M., Yagbasan R., ATAKOL O., AKAY M. A.
Zeitschrift fur Kristallographie - New Crystal Structures, vol.212, no.1, pp.183-184, 1997 (SCI-Expanded)
- CLXXVII.** **Crystal Structure of (N,N'-Disalicylidene-2,3-diaminopyridine)copper(II) Complex**
Atakol O., NAZIR H., Tahir M., Ulku D.
Analytical Sciences, vol.13, no.3, pp.519-520, 1997 (SCI-Expanded)
- CLXXVIII.** **Crystal structure of tris-(N-salicylidene-benzylamino)cobalt(III), C42H36N3O3Co**
Sari M., Yagbasan R., ERCAN F., Atakol O., KENAR A.
Zeitschrift fur Kristallographie - New Crystal Structures, vol.212, no.1, pp.185-187, 1997 (SCI-Expanded)
- CLXXIX.** **Some complexes of nickel(II) with ono type Schiff bases and their monoligand adducts. Part II**
Atakol O., KENAR A., Kabak M.
Synthesis and Reactivity in Inorganic and Metal-Organic Chemistry, vol.27, no.1, pp.29-40, 1997 (SCI-Expanded)
- CLXXX.** **Crystal Structure of [1-{(2-Oxyphenyl)iminomethyl}benzen- 2-oxy-N,O,O']cyclopropylamine-Nnickel(II) Complex**
Atakol O., Eris F., Tahir M., Ulku D.
Analytical Sciences, vol.13, no.4, pp.687-688, 1997 (SCI-Expanded)
- CLXXXI.** **Crystal Structure of Bis[4-(2-oxy-1-naphthylmethylinominomethyl-N,O:O)-2-penten-2-olato-O]dicopper(II) Complex**
Tahir M., Ulku D., Tastekin M., Atakol O.
Analytical Sciences, vol.13, no.6, pp.1055-1056, 1997 (SCI-Expanded)
- CLXXXII.** **Bis[4-(5-chloro-2-hydroxyphenylimino-N,O:O)-2-penten-2-olato(2)-O] dicopper(II)**
Tahir M., Ulku D., Atakol O., Akay A.
Acta Crystallographica Section C: Crystal Structure Communications, vol.52, no.11, pp.2676-2678, 1996 (SCI-Expanded)

- CLXXXIII. (**Cyclohexylamine-N**) $\{2-[2\text{-thiophenyl}\text{-iminomethyl}]\text{phenolato-O,N,S}\} nickel(II)
Tahir M., Ulku D., Atakol O., KENAR A.
Acta Crystallographica Section C: Crystal Structure Communications, vol.52, no.9, pp.2178-2180, 1996 (SCI-Expanded)$

CLXXXIV. (**Pyrrolidine-N**) $[1-(2\text{-thiophenyl}\text{liminomethyl})\text{-2-naphtholato(2)-N,O,S}] nickel(II)
Ulku D., Tahir M., Ucar G., Atakol O.
Acta Crystallographica Section C: Crystal Structure Communications, vol.52, no.8, pp.1884-1885, 1996 (SCI-Expanded)$

CLXXXV. **{4-methyl-2-[2-oxidobenzylidene]amino}-phenolato(2)-N,O,O'** (**piperidine-N**)-nickel(II)
Atakol O., KENAR A., Ercan F., Sari M., Yagbasan R.
Acta Crystallographica Section C: Crystal Structure Communications, vol.52, no.8, pp.1881-1884, 1996 (SCI-Expanded)

CLXXXVI. **Redetermination of the crystal structure of tris(acetylacetonato)iron(III) (ferric acetylacetone), C₃₀H₄₂Fe2012**
Kabak M., Elmali A., Ozbey S., Atakol O., KENAR A.
Zeitschrift fur Kristallographie - New Crystal Structures, vol.211, no.11, pp.831-832, 1996 (SCI-Expanded)

CLXXXVII. **The crystal structure of a N-(2-thiophenyl)-salicylaldiminopiperidino nickel(II) complex**
KABAK M., ELERMAN Y., OZBEY S., ATAKOL O.
Journal of Chemical Crystallography, vol.25, no.5, pp.259-262, 1995 (SCI-Expanded)

CLXXXVIII. **Crystal structure of tris-(2,2',2'')-triaminoethylamino-salicylidene iron(III) complex**
ELERMAN Y., KABAK M., SVOBODA I., FUESS H., ATAKOL O.
Journal of Chemical Crystallography, vol.25, no.5, pp.227-230, 1995 (SCI-Expanded)

CLXXXIX. **Crystal structure of μ -(N,N'-l,3-propyl-disalicyl-aldiminato)-bis(N,N-l,3-propyl-disalicyl-aldiminato)-di-iron(III) ethanol solvate, (OC₆H₄CHN)2C₃H₆(Fe(OC₆H₄CHN)2C₃H₆)₂(C₂H₅OH)**
ELMALI A., ATAKOL O., Svoboda I., Fuess H.
Zeitschrift fur Kristallographie - New Crystal Structures, vol.203, no.Part-2, pp.271-274, 1993 (SCI-Expanded)

CXC. **Crystal structure of N-(2-hydroxyphenyl)-salicylaldiminato-pyridine-copper(II), (O(C₆H₄)CHN(C₆H₄)O(NC₅H₅)Cu)**
ELMALI A., ATAKOL O., Svoboda I., Fuess H.
Zeitschrift fur Kristallographie - New Crystal Structures, vol.205, no.Part-1, pp.146-148, 1993 (SCI-Expanded)

CXCI. **Crystal structure of μ -oxo-bis-[N,N'-o-phenylenebis(salicylaldiminato)iron(III)] dioxane solvate, (C₆H₄(OC₆H₄NCH)2Fe)2O(C₄H₈O₂)**
ELMALI A., ATAKOL O., Svoboda I., Fuess H.
Zeitschrift fur Kristallographie - New Crystal Structures, vol.203, no.Part-2, pp.275-278, 1993 (SCI-Expanded)

CXCII. **Crystal structure of bis[chloro[1-[2-hydroxyphenyl]-iminomethyl]naphthalen-2-olato-O,O',N]iron(III), (ClO(C₁₀H₆)CHN(C₆H₄)OFe)2**
ELMALI A., ATAKOL O., Svoboda I., Fuess H.
Zeitschrift fur Kristallographie - New Crystal Structures, vol.202, no.3-4, pp.323-325, 1992 (SCI-Expanded)

CXCIII. **Potentiometric investigations of intramolecular nine- and ten-membered ring hydrogen bonds observed in Schiff bases**
GUNDUZ T., GUNDUZ N., KILIC E., ATAKOL O., KOSEOGLU F.
Analytica Chimica Acta, vol.249, no.2, pp.427-431, 1991 (SCI-Expanded)

CXCIV. **Titrations in Non-aqueous Media Part XVII. * Potentiometric Investigation of Effects of Several Electron-donating and -withdrawing Substituents on the Basicity of the Azomethine Group of Salicylideneaniline in Nitrobenzene**
GUNDUZ T., KILIC E., ATAKOL O., KOSEOGLU F.
The Analyst, vol.114, no.4, pp.475-477, 1989 (SCI-Expanded)

CXCV. **Some Complexes of Nickel(II) with Ono Type Schiff Bases and Their Monodentate Monoligand Adducts Part I.**
GUNDUZ T., ATAKOL O.
Synthesis and Reactivity in Inorganic and Metal-Organic Chemistry, vol.19, no.5, pp.441-451, 1989 (SCI-Expanded)

- CXCVI. **Titrations in non-aqueous media. Part IX. Potentiometric titrations of symmetrical aliphatic diamines and their schiff bases in different solvents**
 GUNDUZ T., KILIC E., ATAKOL O., KENAR A.
 The Analyst, vol.112, no.12, pp.1735-1738, 1987 (SCI-Expanded)
- CXCVII. **Titrations in non-aqueous media part VII. Effects of substituents on basicity of aniline**
 GUNDUZ T., GUNDUZ N., KILIC E., KENAR A., ATAKOL O.
 The Analyst, vol.112, no.10, pp.1373-1376, 1987 (SCI-Expanded)
- CXCVIII. **Titrations in non-aqueous media part VIII. Basicity order of alkylammonium acetates in the presence of mercury(II) Acetate in nitrobenzene - acetic acid mixture**
 GUNDUZ T., GUNDUZ N., KILIC E., ATAKOL O., KENAR A.
 The Analyst, vol.112, no.10, pp.1377-1379, 1987 (SCI-Expanded)

Articles Published in Other Journals

- I. **Nitro Grupları İçeren Klasik Patlayıcı Maddelerin İndirgeme Tepkimeleri ile Kimyasal Bertaraf Yöntemlerinin Araştırılması**
 ATAKOL O., YÜCEL A.
 Süleyman Demirel Üniversitesi Fen Edebiyat Fakültesi Fen Dergisi, vol.15, pp.45-62, 2020 (Peer-Reviewed Journal)
- II. **The Electron Ionization Mass Spectra of ONO, ONNO and O3N3 Type Schiff Base Complexes Containing First Row Transition Metal Ions**
 İNAL E. K., ATAKOL O., AKAY M. A.
 Süleyman Demirel Üniversitesi Fen Edebiyat Fakültesi Fen Dergisi, vol.15, pp.177-193, 2020 (Peer-Reviewed Journal)
- III. **Birinci Sıra Geçiş Metali İyonlarını İçeren ONO, ONNO ve O3N3 Tipi Schiff Bazı Komplekslerinin Elektron İyonlaştırma Kütle Spektrumları**
 İNAL E. K., ATAKOL O., AKAY M.
 Süleyman Demirel Üniversitesi Fen Edebiyat Fakültesi Fen Dergisi, vol.15, pp.177-193, 2020 (Peer-Reviewed Journal)
- IV. **The Thermal Investigation, Thermokinetic Analysis and Antimicrobial Activity of Two New Energetic Materials Obtained from Nucleophilic Substitution of Nitro Pyridine Ring**
 İNAL E. K., ACAR N., SOPACI Ş. B., YILDIZ C., NAZIR H., ATAKOL O., ÖZ S.
 Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.22, no.3, pp.1262-1275, 2018 (Peer-Reviewed Journal)
- V. **Synthesis, Thermal Kinetic Analysis and DFT Calculations of Pyrazine and Pyridine Complexes of Copper(II) Thiocyanate**
 NAZIR H., ATAKOL A., İNAL E. K., ACAR N., EMİR E., ATAKOL O.
 Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.22, no.2, pp.499-510, 2018 (Peer-Reviewed Journal)
- VI. **HEAVY METAL CONTENT of SELECTED TURKISH BEERS**
 ÖZ S., GÜLŞAH T., ANLI R. E., ATAKOL O.
 INTERNATIONAL JOURNAL of SCIENTIFIC and TECHNOLOGICAL RESEARCH, vol.1, no.3, pp.46-56, 2015 (Non Peer-Reviewed Journal)
- VII. **THE DETERMINATION of The MOST APPROPRIATE MATRIX MODIFIER FOR TIN ANALYSIS by ELECTROTHERMAL ATOMIC ABSORPTION METHOD**
 GÜLŞAH T., METEHAN Y., ATAKOL O., ÖZ S.
 INTERNATIONAL JOURNAL of SCIENTIFIC and TECHNOLOGICAL RESEARCH, vol.1, no.2, pp.179-187, 2015 (Non Peer-Reviewed Journal)
- VIII. **A Study Upon the Possibility of the Chromatographic Investigation of Nitrogen Rich Energetic Compounds Prepared by Pivrylchloride and Heterocyclic Amines**
 AYNUR Ö. Y., MELIKE K., AKSU M. L., ATAKOL O.

INTERNATIONAL JOURNAL of SCIENTIFIC and TECHNOLOGICAL RESEARCH, vol.1, no.7, pp.1-9, 2015 (Non Peer-Reviewed Journal)

- IX. Liquid Liquid Extraction Based Simple Trans Resveratrol Analysis in Wine Samples Using HPLC
İNAL E. K., ÖZ S., ATAKOL A., AKAY M. A., ATAKOL O.
Süleyman Demirel University Journal of Science, vol.8, no.1, 2013 (Peer-Reviewed Journal)
- X. IODIDE-, THIOCYANATE- AND PERCHLORATE-SELECTIVE LIQUID MEMBRANE ELECTRODES BASED ON TRIS (2,2'xx,2'xx'xx -SALICYLIDENE-IMINO)TRIETHYLAMINE-IRON (III)
Aslan N., KENAR A., ATAKOL O., KILIÇ E.
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.25, no.1, pp.237-250, 2009 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. New Trend in Energetic Material Research Co-Crystallization
BOZKUŞ S. İ., TUNCER GÜRSOY Y., GÜRPINAR K., ATAKOL O., ACAR N., ŞEN N.
International Joint Science Congress of Materials and polymers, Priştine, Kosovo, 12 - 14 September 2019
- II. The Effect of the Electronegativity on the Coordinationsphere of Coordinationcompounds
GÜRPINAR K., TUNCER GÜRSOY Y., BOZKUŞ S. İ., ATAKOL O., ACAR N.
International Joint Science Congress of Materials and Polymers, Prishtina, Serbia, 12 - 14 September 2019
- III. A Different Approach in Thermokineticanalysis of Energetic Materials
GÜRPINAR K., TUNCER Y. G., AKAY M. A., ATAKOL O., ACAR N.
ISCMP 2019, Priştine, Kosovo, 11 - 14 September 2019
- IV. The XPS Investigations on the Ni(II) and Cu(II) Polynuclear Complexes from ONNO Type Schiff Base Prepared
ACAR N., YILMAZ N., EMİR E., GÜRPINAR K., ATAKOL O.
CHEM.BIO.CON'18 INTERNATIONAL CHEMISTRY BIOLOGY CONFERENCE'18, 11 - 14 July 2018
- V. On, ONO, ONNO ve O₃N₃ Tipindeki Schiff Bazı Ligandlarıyla Hazırlanmış 1. Sıra Geçiş Metali Komplekslerinin EI Yöntemiyle Kütle Spektrometresinde İncelenmesi
İNAL E. K., ATAKOL O., AKAY M. A.
29. Ulusal Kimya Kongresi, Turkey, 10 - 14 September 2017
- VI. ON, ONO, ONNO ve O₃N₃ Tipindeki Schiff Bazı Ligandlarıyla Hazırlanmış 1. Sıra Geçiş Metalii Komplekslerinin EI Yöntemiyle Kütle Spektrometresinde İncelenmesi
İNAL E. K., ATAKOL O., AKAY M. A.
29. Ulusal Kimya Kongresi, Turkey, 10 - 14 September 2017
- VII. Investigation of ON and ONNO Type Schiff Base Complexes Using Electron Ionization in Mass Spectrometry
İNAL E. K., ATAKOL O., AKAY M. A.
The International Joint Science Congress of Materials and Polymers, 25 - 28 August 2017
- VIII. An Experimental and Theoretical Approach Towards the Evaluation of Some Thermodynamical Values for New Generation Green Energetic Material
Emir E., Nazır H., Acar N., İnal E. K., Yılmaz N., Atakol O.
The International Joint Science Congress of Materials and Polymers, Ohrid, Macedonia, 25 - 28 August 2017
- IX. Synthesis of New NiMI₂ (M=Zn, Cd) Heterodinuclear Complexes and Investigation of Their Photovoltaic Properties
Sönmez M., NAZIR H., Svoboda I., ATAKOL O.
28. Ulusal Kimya Kongresi, Mersin, Turkey, 15 - 21 August 2016
- X. The Investigation Of Mass Fragments Formed Via Electron Impact Ionization From Polynuclear Ni II And Cu II Complexes
İNAL E. K., ATAKOL O., YILMAZ N., YAZICIOĞLU M., AKAY M. A.
9th Aegean Analytical Chemistry Days, 29 September - 03 October 2014
- XI. The Investigation Of Nitrogen Rich Hetero Ringed Energetic Materials Having Picryl Group By Liquid

Chromatography And Thermal Analysis Methods

ÖZLER YİĞİTER A., KUNDURACI ATAKOL M., ATAKOL A., AKAY M. A., İNAL E. K., ATAKOL O.

9th Aegean Analytical Chemistry Days, 29 September - 03 October 2014

XII. THE INVESTIGATION OF ENERGETIC MATERIALS PREPARED FROM DIAMINES AND PICRYL CHLORIDE BY LIQUID CHROMATOGRAPHY AND THERMAL ANALYSIS METHODS

Kunduraci Atakol M., Atakol A., Yiğiter A. Ö., NAZIR H., Özkarame E., ATAKOL O.

9th Aegean Analytical Chemistry Days, Chios, Greece, 29 September - 03 October 2014

XIII. The Effect of o Substituent on Mass Spectrums of Schiff Bases Prepared from Salicyaldehyde

İNAL E. K., DENİZLİ G., ERGUN Ü., AKAY M. A., ATAKOL O., ERGUN E.

4th EuCheMS Chemistry Congress, 26 - 30 August 2012

XIV. Experimental and Computational Studies on the Thermal Decomposition of Nitroazidobenzenes

ÖZ S., ÖZKARAMETE E., İNAL E. K., SVOBODA I., ATAKOL O., AKAY M. A.

4th EuCheMS Chemistry Congress, 26 - 30 August 2012

XV. A New Extraction Based Method for the Analysis of Resveratrol

İNAL E. K., ANLI R. E., ATAKOL O., AKAY M. A.

7th Aegean Analytical Chemistry Days, 29 September - 03 October 2010

XVI. A New Extraction Based Chromatographic Method for the Analysis of Stabilizers in Explosive Material

İNAL E. K., ÖZ S., DURMUŞ S., ATAKOL O., AKAY M. A.

7th Aegean Analytical Chemistry Days, 29 September - 03 October 2010

XVII. Synthesis and electrochemical behaviour of heterodinuclear Ni(II)-M(II) {M: Cd, Zn, Sn} complexes

NAZIR H., ATAKOL O., AKSU M. L.

Sixth National Conference on Chemistry, Sofija, Bulgaria, 14 September 2008

XVIII. DNA changes in lichen species Lobaria pulmonaria induced by copper pollution

KILIÇ Z., ATAKOL O., EMREGÜL E., CANSARAN DUMAN D., ARAS E. S.

6th International Conference of Chemical Societies of South Eastern European Countries., Bulgaria, 10 - 14 September 2008

XIX. Biosorption characteristics of Zinc II from aqueous solutions by Pseudevernia furfuracea

KILIÇ Z., ATAKOL O., EMREGÜL E., ÇELİKKOL P., ARAS E. S., CANSARAN DUMAN D.

6th International Conference of Chemical Societies of South Eastern European Countries., Bulgaria, 10 - 14 September 2008

XX. DNA damage assesment in lichen species Pseudevernia furfuracea exposed to zinc II

KILIÇ Z., ÇELİKKOL P., ATAKOL O., EMREGÜL E., CANSARAN DUMAN D., ARAS E. S.

6th International Conference of Chemical Societies of South Eastern European Countries, Bulgaria, 10 - 14 September 2008

XXI. Biosorption of copper II from aqueous solutions by Lobaria pulmonaria

KILIÇ Z., ATAKOL O., EMREGÜL E., ÇELİKKOL P., ARAS E. S., CANSARAN DUMAN D.

6th International Conference of Chemical Societies of South Eastern European Countries, Bulgaria, 10 - 14 September 2008

XXII. Determination of the structure of coordinationsphere on the ionic complexes by conductometry and potentiometrY

TAŞTEKİN M., DURMUŞ S., AKAY M. A., ERGUN Ü., DÜZGÜN E., ATAKOL O.

4th Black Sea Basin Conference on Analytical Chemistry, 19 - 23 September 2007

XXIII. Bir, İki ve Üç Çekirdekli Schiff Bazlı Fe₂ Komplekslerinin Yapısal Özellikleri

Ateş B. M., Sözeri H., NAZIR H., Ercan İ., ATAKOL O., ERCAN F.

Türk Fizik Derneği 22. Fizik Kongresi, Bodrum, Turkey, 14 - 17 September 2004

XXIV. Üç Çekirdekli Cu^{II}-Pb^{II}-Cu^{II} Kompleksleri

DURMUŞ S., Arıcı C., EMREGÜL K. C., NAZIR H., ATAKOL O.

XVI. Ulusal Kimya Kongresi, Konya, Turkey, 10 - 13 September 2002

XXV. Kare Piramit Ni(II) Koordinasyonu

ATAKOL O., DURMUŞ S., Arıcı C., Ülkü D., NAZIR H.

- XV. Ulusal Kimya Kongresi, İstanbul, Turkey, 4 - 07 September 2001
- XXVI. **Piromellitik Asit ile Kurşun II nin Titrimetrik Tayininde Bozucu Türlerin Etkilerinin Giderilmesi**
TAŞTEKİN M., CANEL E., AKAY M. A., ATAKOL O., KILIÇ E.
15. Ulusal Kimya Kongresi, Boğaziçi Üniversitesi, İstanbul, Turkey, 4 - 07 September 2001, pp.43
- XXVII. **2-Hidroksi Schiff Bazlarında Amin-İmin Tautomerisinin X-Işınları ile İncelenmesi**
NAZIR H., Arıcı C., Çakırer O., KENAR A., Dincer F. N., ATAKOL O.
XIII. Ulusal Kimya Kongresi, Samsun, Turkey, 31 August - 04 September 1999
- XXVIII. **Kurşun Tayininde Yeni Titre Edicilerin Kullanılması**
CANEL E., AKAY M. A., ATAKOL O., KILIÇ E.
Kimya 99, 13. Ulusal Kimya Kongresi, Samsun, Turkey, 31 August - 04 September 1999, pp.66
- XXIX. **Bakır Tayininde Yeni Titre Edicilerin Kullanılması**
KILIÇ E., KORMALI ERTÜRÜN H., CANEL E., KENAR A., ATAKOL O.
12. ULUSAL KİMYA KONGRESİ, Edirne, Turkey, 08 September 1998, pp.129
- XXX. **1,3-Diaminopropan İle 3,5-Dinitrosalisldehitin Monokondensasyon Reaksiyonuyla Elde Edilen ONN Tipi Asimetrik Schiff Bazı ve Nikel Kompleksi**
ATAKOL O., NAZIR H., Yılmaz N., TAŞTEKİN M.
XI. Ulusal Kimya Kongresi, Van, Turkey, 16 - 20 June 1997
- XXXI. **Trinükleer Nikel Kompleksleri**
ATAKOL O., KENAR A., NAZIR H., Çakırer O.
XI. Ulusal Kimya Kongresi, Van, Turkey, 16 - 20 June 1997
- XXXII. **The Investigation of Structure of Tris-[(N-Salicylidene)-2,2',2''-Triaminoethyl] Amine Fe(III) Complex**
ATAKOL O., KENAR A., KABAŞ M., TAŞTEKİN M.
35th IUPAC Congress, 14 - 19 August 1995
- XXXIII. **Susuz Ortam Reaksiyonları Schiff Bazlarının Bazlığına Sübsttüent ve Çözücü Etkisininin Potansiyometrik Olarak İncelenmesi**
Gündüz T., KÖSEOĞLU F., KILIÇ E., ATAKOL O., CANEL E., Alibeşoğlu Z., TAŞTEKİN M.
Kimya 91, VII. Kimya ve Kimya Mühendisliği Sempozyumu, Turkey, 2 - 05 April 1991, pp.526-527

Supported Projects

İnal E. K., Atakol O., Akay M. A., Project Supported by Higher Education Institutions, Denatüre Alkol Örneklerinde Denatürasyon Maddesi (Bitrex) Tayini, 2024 - 2025

Metrics

Publication: 250
Citation (WoS): 2751
Citation (Scopus): 3268
H-Index (WoS): 25
H-Index (Scopus): 26