

Prof. ORHAN ATAKOL

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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

ENSTRÜMENTAL ANALİZ, Undergraduate, 2015 - 2016

BAZI ENSTRÜMENTAL YÖNTEMLER, Postgraduate, 2015 - 2016

Advising Theses

- ATAKOL O., Bis(N,N'-salisiliden)-1,3-diaminopropan ligandı ve heterohalkalı bileşikler kullanılarak hazırlanan koordinasyon bileşiklerinin termal analiz yöntemleriyle incelenmesi, Postgraduate, Y.GÜRSOY(Student), 2021
- ATAKOL O., The theoretical and experimental comparison 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 tasarımı, 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 önderştirilmesinde 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 çözücülerde 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 sıvılarında hidrürü oluşturulabilen 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.NABİ(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., ÇİÇEK 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 NiII - ZnII 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(bntz)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-Vinylanthracene**
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 heterotrinary 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 nitrate μ -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., DINCER 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 homotrinary 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 separation, 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)
- XL1. **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 für 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 NiII-NiII-NiII complexes at high temperature : Alternative explosives**
Çakırcer O., Eker E., Ergun Ü., Gökçınar 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 NiII 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 für 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 heterotrinary M¹-M²-M¹ complexes**

(M 1: Ni II, Cu II; M2: Cu II, CoII, ZnII, CdII)

Düzgün 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 - Deproteinized tooth enamel under blue light stimulation**
Yüce Ü. 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., Düzgün E.
Journal of Thermal Analysis and Calorimetry, vol.97, no.3, pp.1007-1014, 2009 (SCI-Expanded)
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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: 251

Citation (WoS): 2773

Citation (Scopus): 3296

H-Index (WoS): 25

H-Index (Scopus): 26