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Education Information

Doctorate, İstanbul Üniversitesi, Fen Bilimleri Enstitüsü, Kimya/Anorganik Kimya, Turkey
1982 - 1985

Postgraduate, İstanbul Üniversitesi, Kimya Fakültesi, Temel Ameliyeler Kürsüsü, Turkey 1979
- 1980

Undergraduate, İstanbul Üniversitesi, Kimya Fakültesi, Kimya, Turkey 1974 - 1978

Dissertations

Doctorate, 2-amino-1,3,4-tiadiazolün Cu(II) kompleksinin elde edilerek yapısının incelenmesi, İstanbul Üniversitesi-Cerrahpaşa, Fen Bilimleri Enstitüsü, Kimya / Anorganik Kimya, 1985

Postgraduate, Prall-Kampana Platolu Pilot Bir Kolonda Flutung'a Etki Yapan Faktörler, İstanbul Üniversitesi-Cerrahpaşa, Kimya Fakültesi, Temel Ameliyeler Kürsüsü, 1980

Research Areas

Chemistry, Inorganic Chemistry, Coordination Chemistry, Organometallic Chemistry, Natural Sciences

Academic Titles / Tasks

Professor, Istanbul University, Mühendislik, Kimya, 2000 - Continues

Academic and Administrative Experience

İstanbul Üniversitesi, Kimya Bölümü, 2000 - Continues

İstanbul Üniversitesi, Mühendislik Fakültesi, 2001 - 2004

Courses

GENEL KİMYA II, Undergraduate, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017

Bitirme Projesi II, Undergraduate, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017

Genel Kimya Laboratuvarı II, Undergraduate, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017

GENEL KİMYA LABORATUVARI I, Undergraduate, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017

Genel Kimya I, Undergraduate, 2013 - 2014, 2014 - 2015, 2015 - 2016

Koordinasyon Bieşiklerinde NMR İle Yapı Analizi, Doctorate, 2012 - 2013, 2013 - 2014

Organometalik Bileşikler, Postgraduate, 2013 - 2014
İleri Anorganik Kimya I, Postgraduate, 2013 - 2014
Genel kimya Lab II, Undergraduate, 2012 - 2013
ANORGANİK KİMYA II, Undergraduate, 2012 - 2013
İLERİ ANORGANİK KİMYA I, Postgraduate, 2012 - 2013
GENEL KİMYA I, Undergraduate, 2012 - 2013
KOORDİNASYON BİL. NMR İLE YAPI ANALİZİ, Doctorate, 2012 - 2013
ORGANOMETALİK BİLEŞİKLER, Postgraduate, 2012 - 2013
Genel Kimya Lab I, Undergraduate, 2011 - 2012
Genel Kimya Laboratuvarı II, Undergraduate, 2011 - 2012
Anorganik Kimya II, Undergraduate, 2011 - 2012
İLERİ ANORGANİK KİMYA II, Postgraduate, 2011 - 2012
Genel Kimya II, Undergraduate, 2011 - 2012

Advising Theses

ÜLKÜSEVEN B., Bazı 2-Hidroksi Aldehit Tiyosemikarbazonların Dioksomolibden(VI) Kompleksleri, Doctorate, S.Duman(Student), 2014
ÜLKÜSEVEN B., S-ALKİL-ASETİLASETONTİYOSEMİKARBAZONLAR KULLANILARAK NİKEL(II) VE DEMİR(III) KOMPLEKSLERİNİN SENTEZİ, Postgraduate, B.Kaya(Student), 2014
ÜLKÜSEVEN B., DİKLORO-BİS-TRİFENİLFOSEFİN-Nİ(II) KOMPLEKSİNİN BAZI TİYOSEMİKARBAZON TÜREVLERİ İLE REAKSİYONLARININ İNCELENMESİ, Doctorate, Ş.Güveli(Student), 2012
ÜLKÜSEVEN B., Bazı Süstitüe N1,N4-Diariliden-S-Alkil-tiyosemikarbazonların Nikel(II) ve Uranil(VI) Kompleksleri, Doctorate, M.Şahin(Student), 2009
ÜLKÜSEVEN B., Bazı Süstitüe 2-Hidroksi-benzofenon Tiyosemikarbazonların Oksomolibden(VI) Kompleksleri, Doctorate, B.İlhan(Student), 2009
ÜLKÜSEVEN B., Ni(II) Ve Zn(II) Tuzları İle Asetilasetonat Ve Bazı Tiyosemikarbazon Ligandları Arasındaki Reaksiyonların İncelenmesi, Doctorate, B.Türkkan(Student), 2009
ÜLKÜSEVEN B., Bazı hidroksibenzaldehid N-feniltiyosemikarbazonların Nikel(II) komplekslerinin sentezi, Postgraduate, Ş.Güveli(Student), 2006
ÜLKÜSEVEN B., Bazı S-Alkiltiyosemikarbazonların Fe(III) Ve Ni(II) Template Ürünlerinin İncelenmesi, Postgraduate, M.Şahin(Student), 2004
ÜLKÜSEVEN B., 2-Amino-5-klorobenzofenon Tiyosemikarbazon Türevlerinin Geçiş Metal Komplekslerinin İncelenmesi, Doctorate, Y.Daşdemir(Student), 2003
ÜLKÜSEVEN B., Bazı N1,N4-diarilidenhidrazin karboksimidotioik asid alkil esterlerinin Ni(II), Fe(III) ile verdiği template ürünlerin sentezi ve incelenmesi, Doctorate, T.Bal(Student), 2003
ÜLKÜSEVEN B., Bazı N,2 -Diarilidenhidrazinkarboksimidotioik Asid Alkil Esterlerinin d5?10 İyonları ile Verdiği Kompleks Bileşiklerin İncelenmesi, Doctorate, M.Ceritoğlu(Student), 2000
ÜLKÜSEVEN B., Bazı S?Alkil ve S-Aril?isotiyosemikarbazonların d5?10 İyonları ile Verdiği Komplekslerin Spektroskopik Yöntemle İncelenmesi, Doctorate, A.Yavuz(Student), 1999
ÜLKÜSEVEN B., Değişik Piridin Aldehidler ile Çeşitli Anilinlerden Türeyen Schiff Bazlarının Sentezi ve Bazı Metal Komplekslerinin Hazırlanması, Doctorate, N.Sibel(Student), 1998
ÜLKÜSEVEN B., Bazı 2-Süstitüe-1H-benzimidazol Türevlerinin d8-10 Metal İyonları ile Verdiği Koordinasyon Bileşiklerinin İncelenmesi, Doctorate, A.Tavman(Student), 1997
ÜLKÜSEVEN B., Kireç Giderme İşleminde Borik Asid Kullanımının İncelenmesi ve Deri Kalitesine Etkilerinin Değerlendirilmesi, Doctorate, A.Toptaş(Student), 1996
ÜLKÜSEVEN B., Bazı Anorganik Pigmentlerin Elektromanyetik Işınlara Karşı Özelliklerinin İncelenmesi, Doctorate, H.Polat(Student), 1995
ÜLKÜSEVEN B., 2-Benzylcarbamohiphidrazonotioic Asid Alkil Esterlerinin Metal Komplekslerinin İncelenmesi, Postgraduate, A.Yavuz(Student), 1994

ÜLKÜSEVEN B., 2- Metanamino-1H-Benzimidazolün Bazı Metal Komplekslerinin İncelenmesi, Postgraduate, A.Tavman(Student), 1993

ÜLKÜSEVEN B., Tetramatilen-bis-isotiouronyum dihidroklorürün Bazı Metal Komplekslerinin Kararlılıklarının Araştırılması, Postgraduate, S.Sezer(Student), 1992

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

- I. **Four and six-coordinated cobalt complexes based on thiosemicarbazone. Formation, experimental and theoretical characterization**
Kaya B., Karakurt T., Sahin O., Ulkuseven B.
JOURNAL OF MOLECULAR STRUCTURE, vol.1250, 2022 (Journal Indexed in SCI)
- II. **New thiosemicarbazone-based Zinc(II) complexes. In vitro cytotoxicity competing with cisplatin on malignant melanoma A375 cells and its relation to neuraminidase inhibition**
Kaya B., Danışman Kalındemirtaş F., Ertik O., Yanardağ R., Kuruca D. S. , Ülküseven B.
Chemico-Biological Interactions, vol.351, pp.1-6, 2022 (Journal Indexed in SCI)
- III. **The iron(III) and nickel(II) complexes with tetradentate thiosemicarbazones. Synthesis, experimental, theoretical characterization, and antiviral effect against SARS-CoV-2**
Arslan B. A. , Kaya B., Sahin O., Baday S., Saylan C. C. , Ulkuseven B.
JOURNAL OF MOLECULAR STRUCTURE, vol.1246, 2021 (Journal Indexed in SCI)
- IV. **Dioxomolybdenum(VI) complexes with 4-benzyloxysalicylidene-N/S-alkyl thiosemicarbazones: Synthesis, structural analysis, antioxidant activity and xanthine oxidase inhibition**
Eglence-Bakir S., Sahin M., ÖZYÜREK M., ÜLKÜSEVEN B.
POLYHEDRON, vol.209, 2021 (Journal Indexed in SCI)
- V. **Supramolecular Ni(II) complex aggregates with a circular linkage of intermolecular multi-hydrogen bonding frameworks based on thiosemicarbazone, and a Cu(II) complex: Synthesis, structural, DFT, electrochemical and antioxidant studies**
Altıparmak E. A. , Yazar S., Ozdemir N., Bal-Demirci T., Ulkuseven B.
POLYHEDRON, vol.209, 2021 (Journal Indexed in SCI)
- VI. **S-alkylated thiosemicarbazone derivatives: Synthesis, crystal structure determination, antimicrobial activity evaluation and molecular docking studies**
GÜNDÜZ M. G. , Kaya B., Ozkul C., Sahin O., Rekha E. M. , Sriram D., ÜLKÜSEVEN B.
JOURNAL OF MOLECULAR STRUCTURE, vol.1242, 2021 (Journal Indexed in SCI)
- VII. **Oxovanadium(IV) complexes with tetradentate thiosemicarbazones. Synthesis, characterization, anticancer enzyme inhibition and in vitro cytotoxicity on breast cancer cells**
Ertik O., Kalındemirtaş F. D. , Kaya B., Yanardag R., KURUCA D. S. , Sahin O., Ulkuseven B.
POLYHEDRON, vol.202, 2021 (Journal Indexed in SCI)
- VIII. **Glycoprotein levels and oxidative lung injury in experimental diabetes: effect of oxovanadium(IV) complex based on thiosemicarbazone**
Bayrak B. B. , Tunali S., Bal-Demirci T., Ulkuseven B., Yanardag R.
TOXICOLOGY MECHANISMS AND METHODS, 2021 (Journal Indexed in SCI)
- IX. **Protective Effects of an Oxovanadium(IV) Complex with N(2)O(2)Chelating Thiosemicarbazone on Small Intestine Injury of STZ-Diabetic Rats**
Tunali S., Gezgin-Oktayoglu S., BOLKENT Ş., Coskun E., Bal-Demirci T., Ulkuseven B., Yanardag R.
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.199, no.4, pp.1515-1523, 2021 (Journal Indexed in SCI)
- X. **Iron(III) complexes based on tetradentate thiosemicarbazones: Synthesis, characterization, radical scavenging activity and in vitro cytotoxicity on K562, P3HR1 and JURKAT cells**
Kalındemirtaş F. D. , KAYA B., BENER M., Şahin O., Kuruca S. E. , Demirci T. B. , ÜLKÜSEVEN B.
Applied Organometallic Chemistry, 2021 (Journal Indexed in SCI)
- XI. **Synthesis, spectroscopic characterization and quantum chemical studies of a dioxomolybdenum(VI) complex with an N,S-substituted pyridoxal thiosemicarbazone**

İLHAN CEYLAN B., Bolukbasi O., YILMAZ A., Kaya K., KURT Y., ÜLKÜSEVEN B.

Polyhedron, vol.193, 2021 (Journal Indexed in SCI)

- XII. **Synthesis and biological potentials of dioxomolybdenum(VI) complexes with ONS and ONN chelating thiosemicarbazones: DNA-binding, antioxidant and enzyme inhibition studies**
Eglence-Bakir S., Sahin M., Zahoor M., Dilmen-Portakal E., ÜLKÜSEVEN B.
POLYHEDRON, vol.190, 2020 (Journal Indexed in SCI)
- XIII. **Cobalt(II)/(III) complexes bearing a tetradentate thiosemicarbazone: Synthesis, experimental and theoretical characterization, and electrochemical and antioxidant properties**
Kaya B., Akyuz D., Karakurt T., Sahin O., KOCA A., Ulkuseven B.
APPLIED ORGANOMETALLIC CHEMISTRY, 2020 (Journal Indexed in SCI)
- XIV. **Structural characterization of new zinc(ii) complexes with N2O2chelating thiosemicarbazidato ligands; investigation of the relationship between their DNA interaction and in vitro antiproliferative activity towards human cancer cells**
Kaya B., Yilmaz Z. K., Sahin O., Aslim B., Ulkuseven B.
New Journal of Chemistry, vol.44, no.22, pp.9313-9320, 2020 (Journal Indexed in SCI Expanded)
- XV. **Synthesis, molecular modelling, FT-IR, Raman and NMR characterization, molecular docking and ADMET study of new nickel(II) complex with an N-4-tetradentate thiosemicarbazone**
Eglence-Bakir S., ÇELİK S., ŞAHİN M., ÖZEL A., Akyuz S., Ulkuseven B.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, 2020 (Journal Indexed in SCI)
- XVI. **Synthesis, structural, cytotoxic and pharmacokinetic evaluation of some thiosemicarbazone derivatives**
SÜLEYMANOĞLU M., Erdem-Kuruca S., Bal-Demirci T., Ozdemir N., Ulkuseven B., YAYLIM İ.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, 2020 (Journal Indexed in SCI)
- XVII. **Thiosemicarbazone ligand, nickel(II) and ruthenium(II) complexes based on vitamin B6 vitamer: The synthesis, different coordination behaviors and antioxidant activities**
Bal-Demirci T., Guveli Ş., Yesilyurt S., Ozdemir N., Ulkuseven B.
INORGANICA CHIMICA ACTA, vol.502, 2020 (Journal Indexed in SCI)
- XVIII. **Effective copper(II) and nickel(II) complexes with N3O and ON3 thiosemicarbazidato ligands. Synthesis, structural analysis and in vitro cytotoxicity on melanoma B16F10 cells**
ŞAHİN M., Eglence-Bakir S., Alpay M., Alpay S., Ozmerdivenli R., Ulkuseven B.
INORGANICA CHIMICA ACTA, vol.502, 2020 (Journal Indexed in SCI)
- XIX. **A square-pyramidal iron(III) complex obtained from 2-hydroxy-benzophenone-S-allyl-thiosemicarbazone: synthesis, characterization, electrochemistry, quantum chemical studies and antioxidant capability**
Ceylan B., Yilmaz A., Bolukbasi O., Acar E. T., Ozyurek M., Kurt Y., Ulkuseven B.
JOURNAL OF COORDINATION CHEMISTRY, vol.73, no.1, pp.120-136, 2020 (Journal Indexed in SCI)
- XX. **Novel palladium (II) complexes with tetradentate thiosemicarbazones. Synthesis, characterization, in vitro cytotoxicity and xanthine oxidase inhibition**
ÖZERKAN D., ERTİK O., KAYA B., Kuruca S. E., YANARDAĞ R., ÜLKÜSEVEN B.
INVESTIGATIONAL NEW DRUGS, vol.37, no.6, pp.1187-1197, 2019 (Journal Indexed in SCI)
- XXI. **Thiosemicarbazide-based iron(III) and manganese(III) complexes. Structural, electrochemical characterization and antioxidant activity**
KAYA B., Kaya K., KOCA A., ÜLKÜSEVEN B.
POLYHEDRON, vol.173, 2019 (Journal Indexed in SCI)
- XXII. **Dioxomolybdenum(VI) complexes with 3-methoxy salicylidene-N-alkyl substituted thiosemicarbazones. Synthesis, characterization, enzyme inhibition and antioxidant activity**
Eglence-Baker S., SAÇAN Ö., Sahin M., YANARDAĞ R., ÜLKÜSEVEN B.
JOURNAL OF MOLECULAR STRUCTURE, vol.1194, pp.35-41, 2019 (Journal Indexed in SCI)
- XXIII. **Iron(III) and nickel(II) complexes of tetradentate thiosemicarbazones: Synthesis, structure, cytotoxicity, and lipophilicity**
Suleymanoglu M., Kaya B., Erdem-Kuruca S., Ulkuseven B.

- JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.33, no.10, 2019 (Journal Indexed in SCI)
- XXIV. **Iron(III) complex with N2O2-thiosemicarbazidato and azide ligands. Synthesis mechanism, experimental and theoretical studies**
KAYA B., ÜLKÜSEVEN B., ŞAHİN O., ŞAHİN Z. S.
JOURNAL OF MOLECULAR STRUCTURE, vol.1191, pp.337-344, 2019 (Journal Indexed in SCI)
- XXV. **The formation of a metallosupramolecular porous helicate through salicylaldehydethiosemicarbazone: Synthesis, Characterization, Cytotoxic activity, DNA binding and DFT calculations**
Altıparmak E. A. , Eroglu G. O. , Ozcelik E., Ozdemir N., Kuruca S. E. , ARSU N., Ulkuseven B., Bal-Demirci T.
APPLIED ORGANOMETALLIC CHEMISTRY, vol.33, no.9, 2019 (Journal Indexed in SCI)
- XXVI. **Structural analysis and biological functionalities of iron(III)- and manganese(III)-thiosemicarbazone complexes: in vitro anti-proliferative activity on human cancer cells, DNA binding and cleavage studies**
KAYA B., Yılmaz Z. K. , ŞAHİN O., ASLIM B., Tukenmez U., ÜLKÜSEVEN B.
JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY, vol.24, no.3, pp.365-376, 2019 (Journal Indexed in SCI)
- XXVII. **Hydrogen-bonded and -stacked nickel(II) thiosemicarbazone complexes: Synthesis, spectral and structural studies**
Güveli S., Ozdemir N., Bal-Demirci T., Soylu M. S. , Ulkuseven B.
TRANSITION METAL CHEMISTRY, vol.44, no.2, pp.115-123, 2019 (Journal Indexed in SCI)
- XXVIII. **5-Methyl-2-hydroxy-acetophenone-S-methyl-thiosemicarbazone and its nickel-PPh3 complex. Synthesis, characterization, and DFT calculations**
Güveli S., Kilic-Cikla I., Ulkuseven B., Yavuz M., Bal-Demirci T.
JOURNAL OF MOLECULAR STRUCTURE, vol.1173, pp.366-374, 2018 (Journal Indexed in SCI)
- XXIX. **Iron(III) and nickel(II) complexes with S-alkyl (n-C1-6)-thiosemicarbazidato ligands: Synthesis, structural characterization, and antioxidant features**
Kaya B., Sahin O., Bener M., Ulkuseven B.
JOURNAL OF MOLECULAR STRUCTURE, vol.1167, pp.16-22, 2018 (Journal Indexed in SCI)
- XXX. **Dioxomolybdenum(VI) complexes of S-methyl-5-bromosalicylidene-N-alkyl substituted thiosemicarbazones: Synthesis, catalase inhibition and antioxidant activities**
Eğlence S., ŞAHİN M., Özyürek M., Apak R., Ülküseven B.
Inorganica Chimica Acta, vol.469, pp.495-502, 2018 (Journal Indexed in SCI)
- XXXI. **"X-ray diffraction, spectroscopic and DFT studies on nickel(II)- triphenylphosphine complexes of 2-hydroxyacetophenone thiosemicarbazones"**
Kılıç Cıkla I., Güveli Ş., Bal Demirci T., Aygün M., Ülküseven B., Yavuz M.
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- XXXII. **Apoptotic mechanisms of nickel(II) complex with N1-acetylacetone-N4-4-methoxy-salicylidene-S-allyl-thiosemicarbazone on HL60 leukemia cells**
Kaya B., Atasever-Arslan B., Kalkan Z., Gur H., ÜLKÜSEVEN B.
GENERAL PHYSIOLOGY AND BIOPHYSICS, vol.35, no.4, pp.451-458, 2016 (Journal Indexed in SCI)
- XXXIII. **Nickel(II)-PPh3 Complexes of S,N-Substituted Thiosemicarbazones – Structure, DFT Study, and Catalytic Efficiency**
Güveli Ş., Agopcan Çınar S., Karahan Ö., Aviyente V., Ülküseven B.
European Journal Of Inorganic Chemistry, vol.2016, no.4, pp.538-544, 2016 (Journal Indexed in SCI)
- XXXIV. **Synthesis and antioxidant activities of transition metal complexes based 3-hydroxysalicylaldehyde-S-methylthiosemicarbazone**
Bal-Demirci T., Sahin M., Kondakci E., Ozyurek M., Ulkuseven B., Apak R.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.138, pp.866-872, 2015 (Journal Indexed in SCI)
- XXXV. **Dioxomolybdenum(VI) Complexes of 5-Bromo/3,5-Dibromo-Salicylaldehyde 4-(H/C6H5)-S-Propyl-Thiosemicarbazones**
Duman S., Kizilcikli I., Ulkuseven B.

- PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.190, no.3, pp.342-351, 2015 (Journal Indexed in SCI)
- XXXVI. **Structural and spectroscopic characterization of a thiosemicarbazidatodioxouranium(VI) complex: A combined experimental and DFT study**
Sahin M., Ozdemir N., Bal-Demirci T., Ulkuseven B., Dincer M., Soylu M. S.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.135, pp.994-1001, 2015 (Journal Indexed in SCI)
- XXXVII. **Zinc(II) Complexes of Acetophenone and 5-Chloro-2-hydroxy-benzophenone Thiosemicarbazones. Synthesis, Characterization, and Nonlinear Optical Properties from Quantum Chemical Calculations**
Turkkan B., Ulkuseven B., EROĞLU E.
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- XXXVIII. **cis-Dioxomolybdenum(VI) complexes of a new ONN chelating thiosemicarbazidato ligand; Synthesis, characterization, crystal, molecular structures and antioxidant activities**
İLHAN CEYLAN B., DENİZ N. G., Kahraman S., ÜLKÜSEVEN B.
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- XXXIX. **Asymmetric N2O2 complexes of iron(III) and nickel(II) obtained from acetylaceton-S-methyl-thiosemicarbazone: synthesis, characterization and electrochemistry**
Kaya B., KOCA A., Ulkuseven B.
JOURNAL OF COORDINATION CHEMISTRY, vol.68, no.4, pp.586-598, 2015 (Journal Indexed in SCI)
- XL. **Synthesis, antioxidant activities of the nickel(II), iron(III) and oxovanadium(IV) complexes with N2O2 chelating thiosemicarbazones**
Bal-Demirci T., Sahin M., Ozyurek M., Kondakci E., Ulkuseven B.
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- XLI. **Electrochemistry and structural properties of new mixed ligand nickel(II) complexes based on thiosemicarbazone**
Guveli S., KOCA A., Ozdemir N., Bal-Demirci T., Ulkuseven B.
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- XLII. **Dioxouranium(VI) complexes with N2O2 chelating thiosemicarbazones [UO2L(R-OH)]**
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- XLIII. **Synthesis and Characterization of New Nickel(II) Chelates With S-Alkyl-Salicylaldehyde Thiosemicarbazones**
Sahin M., Ulkuseven B.
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- XLIV. **Iron(III) and nickel(II) complexes of O,N,N,O-chelating benzophenone thiosemicarbazone: Electrochemistry and in situ spectroelectrochemistry**
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- XLV. **Hydroxy and methoxy substituted N-1,N-4-diarylidene-S-methylthiosemicarbazone iron(III) and nickel(II) complexes**
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- XLVI. **Antimicrobial activity of some 2- and 3-pyridinyl-1H-benzimidazoles and their FeIII,CuII,ZnII, and AgI complexes**
TAVMAN A., ÜLKÜSEVEN B., BİRTEKSÖZ TAN A. S., ÖTÜK G.
Folia Microbiol., vol.48, no.2, pp.479-483, 2003 (Journal Indexed in SCI)
- XLVII. **Antimicrobial activity of some 2-and 3-pyridinyl-1H-benzimidazoles and their Fe-III, Cu-II, Zn-II, and**

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- XLIX. **Antimicrobial activity of Fe-III, Cu-II, Ag-I, Zn-II and Hg-II complexes of 2-(2-hydroxy-5-bromo/nitro-phenyl)-1H- and 2-(2-hydroxyphenyl)-5-methyl/chloro/nitro-1H benzimidazoles**
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- L. **Zinc(II) complexes of 2-(2-hydroxy-5-bromo/nitro-phenyl)-5-methyl/chloro/nitro-1H-benzimidazoles**
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- LI. **Acidity of some 2-substituted-1H-benzimidazoles and their affinity towards Cu(II) ion**
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- LII. **1,2-Bis-[(5-methyl/chloro/nitro)-2-1H-benzimidazolyl]-1,2-ethanediols and their PdCl₂ complexes**
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