

## Kişisel Bilgiler

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## Eğitim Bilgileri

Doktora, University of Aberdeen, İngiltere 1989 - 1991

Yüksek Lisans, Ondokuz Mayıs Üniversitesi, Fen Bilimleri Enstitüsü, Kimya

Anabilim Dalı, Türkiye 1985 - 1987

Lisans, Karadeniz Teknik Üniversitesi, Fen Fakültesi, Kimya, Türkiye 1978 - 1982

## Yaptığı Tezler

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Yüksek Lisans, Fosforik asit üretim artışı fosfojipsin tanımı ve değerlendirme imkanlarının araştırılması, Ondokuz Mayıs Üniversitesi, Fen Bilimleri Enstitüsü, 1987

## Araştırma Alanları

İnorganik Kimya, Biyoinorganik Kimya, Koordinasyon Kimyası

## Akademik Unvanlar / Görevler

Prof. Dr., Karadeniz Teknik Üniversitesi, Fen Fakültesi, Kimya, 2022 - Devam Ediyor

Prof. Dr., Bursa Uludağ Üniversitesi, Fen-Edebiyat Fakültesi, Kimya, 2007 - 2022

Prof. Dr., Ondokuz Mayıs Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 1999 - 2007

Doç. Dr., Ondokuz Mayıs Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 1993 - 1999

Yrd. Doç. Dr., Ondokuz Mayıs Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 1991 - 1993

## Akademik İdari Deneyim

Dekan, Bursa Uludağ Üniversitesi, Fen-Edebiyat Fakültesi, Kimya, 2015 - 2019

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- I. **Metal saccharinate complexes with N,N-bis(2-hydroxyethyl)ethylenediamine: Synthesis, structural, thermal decomposition and DFT studies**  
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- III. **Water-soluble copper(II) 5-fluorouracil complexes bearing polypyridyl co-ligands: synthesis, structures and anticancer activity**  
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- IV. **Synthesis, structural, magnetic and thermal studies of copper(II) 5,5-diethylbarbiturate complexes with nicotinamide, 2,2'-bipyridine and triethanolamine**  
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- V. **Novel 5-fluorouracil complexes of Zn(II) with pyridine-based ligands as potential anticancer agents**  
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- VI. **Palladium (II) complex and thalidomide intercept angiogenic signaling via targeting FAK/Src and Erk/Akt/PLC gamma dependent autophagy pathways in human umbilical vein endothelial cells**  
Aydinlik S., ÜVEZ A., Kiyan H. T., Gurel-Gurevin E., YILMAZ V. T., Ulukaya E., ARMUTAK E. İ.  
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- VII. **Preparation and Characterization of Palladium Derivate-Loaded Micelle Formulation in Vitro as an Innovative Therapy Option against Non-Small Cell Lung Cancer Cells**  
Erkisa M., ARI F., Buyukkoroglu G., Senel B., YILMAZ V. T., Ulukaya E.  
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- VIII. **Combination of Histone Deacetylase Inhibitor with Cu(II) 5,5-diethylbarbiturate Complex Induces Apoptosis in Breast Cancer Stem Cells: A Promising Novel Approach**  
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- IX. **New manganese(II), iron(II), cobalt(II), nickel(II) and copper(II) saccharinate complexes of 2,6-bis(2-benzimidazolyl)pyridine as potential anticancer agents**  
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- X. **A promising therapeutic combination for metastatic prostate cancer: Chloroquine as autophagy inhibitor and palladium(II) barbiturate complex**  
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- XI. **Zn(ii), Cd(ii) and Hg(ii) saccharinate complexes with 2,6-bis(2-benzimidazolyl)pyridine as**

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- XIII. **Cytotoxic platinum(II) complexes derived from saccharinate and phosphine ligands: synthesis, structures, DNA cleavage, and oxidative stress-induced apoptosis**  
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JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY, cilt.25, sa.1, ss.75-87, 2020 (SCI-Expanded)
- XIV. **Synthesis, structures and catalytic activity of Pd(II) saccharinate complexes with monophosphines in direct arylation of five-membered heteroarenes with aryl bromides**  
YILMAZ V. T., Icel C., Turgut O. R., AYGÜN M., Evren E., ÖZDEMİR İ.  
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- XV. **Structures and anticancer activity of chlorido platinum(II) saccharinate complexes with mono- and dialkylphenylphosphines**  
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- XVI. **Unfolded Protein Response is Involved in Trans-Platinum (II) Complex-Induced Apoptosis in Prostate Cancer Cells via ROS Accumulation**  
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- XVII. **Pd(II) and Pt(II) saccharinate complexes of bis(diphenylphosphino) propane/butane: Synthesis, structure, antiproliferative activity and mechanism of action**  
YILMAZ V. T., Icel C., AYGÜN M., Erkisa M., Ulukaya E.  
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- XVIII. **Palladium(II) and platinum(II) saccharinate complexes with bis(diphenylphosphino)methane/ethane: synthesis, S-phase arrest and ROS-mediated apoptosis in human colon cancer cells**  
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- XIX. **Synthesis, structures and anticancer potentials of platinum(II) saccharinate complexes of tertiary phosphines with phenyl and cyclohexyl groups targeting mitochondria and DNA**  
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- XX. **Structures and biochemical evaluation of silver(I) 5,5-diethylbarbiturate complexes with bis(diphenylphosphino)alkanes as potential antimicrobial and anticancer agents**  
YILMAZ V. T., Icel C., Batur J., Aydinlik S., Sahinturk P., AYGÜN M.  
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- XXI. **A palladium(II)-saccharinate complex of terpyridine exerts higher anticancer potency and less toxicity than cisplatin in a mouse allograft model**  
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- XXIII. **Synthesis, structures and biomolecular interactions of new silver(I) 5,5-diethylbarbiturate complexes of monophosphines targeting Gram-positive bacteria and breast cancer cells**

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- XXV. **Cytotoxic and apoptotic effects of the combination of palladium (II) 5,5-diethylbarbiturate complex with bis(2-pyridylmethyl)amine and curcumin on non small lung cancer cell lines**  
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- XXVII. **Apoptosis-inducing Effect of a Palladium(II) Complex-[PdCl(terpy)](sac)center dot 2H2O] on Ehrlich Ascites Carcinoma (EAC) in Mice**  
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- XXX. **Ni(II)/Cu(II)/Zn(II) 5,5-diethylbarbiturate complexes with 1,10-phenanthroline and 2,2 '-dipyridylamine: synthesis, structures, DNA/BSA binding, nuclease activity, molecular docking, cellular uptake, cytotoxicity and the mode of cell death**  
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- XXXVII. **Anti-growth effect of a novel trans-dichloridobis[2-(2-hydroxyethyl)pyridine] platinum (II) complex via induction of apoptosis on breast cancer cell lines**  
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- XLI. **Coordination complexes and polymers from the initial application of phenyl-2-pyridyl ketone azine in mercury chemistry**  
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- CXIII. **One-dimensional pyrazine bridged M(II)-saccharinato coordination polymers: Synthesis, characterization, crystal structures and thermal studies**  
YILMAZ V. T., Senel E., Kazak C.  
POLYHEDRON, cilt.26, sa.13, ss.3199-3204, 2007 (SCI-Expanded)
- CXIV. **Synthesis, structural, spectroscopic, thermal and voltammetric properties of 5,5-diethylbarbiturato complexes of zinc with 2-(2-aminoethyl)pyridine and 2-(2-hydroxyethyl)pyridine**  
Yilmaz F., Yilmaz V. T., Bicer E., Buyukgungor O.  
JOURNAL OF COORDINATION CHEMISTRY, cilt.60, sa.7-9, ss.777-784, 2007 (SCI-Expanded)
- CXV. **New three-dimensional (3,4)-net zincophosphites templated by linear diammonium cations: H<sub>3</sub>N(CH<sub>2</sub>)<sub>5</sub>NH<sub>3</sub> center dot Zn-3(HPO<sub>3</sub>)(4) and beta-H<sub>3</sub>N(CH<sub>2</sub>)<sub>6</sub>NH<sub>3</sub> center dot Zn-3(HPO<sub>3</sub>)(4)**  
Holtby A. S., Harrison W. T. A., YILMAZ V. T., Buyukgungor O.  
SOLID STATE SCIENCES, cilt.9, sa.2, ss.149-154, 2007 (SCI-Expanded)
- CXVI. **A luminescent silver-saccharinato complex with S,S-diphenylsulfimide: Synthesis, spectroscopic, thermal, structural and DFT computational studies**  
Gumus S., Hamamci S., YILMAZ V. T., Kazak C.  
JOURNAL OF MOLECULAR STRUCTURE, cilt.828, sa.1-3, ss.181-187, 2007 (SCI-Expanded)
- CXVII. **A tetranuclear mu(3)-alkoxo-bridged cubane-like copper(II) complex containing 2-(ethylamino)ethanol and acetate: Synthesis and structural characterization**  
YILMAZ V. T., Kars V., Kazak C.  
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.633, sa.2, ss.351-353, 2007 (SCI-Expanded)
- CXVIII. **Crystal structure of N,N-disalicylidene-(R,S)(S,R)-1,2-ethanediamine**  
Ramazania A., Dolatyari L., Morsali A., YILMAZ V. T., Bueyuekguengoer O.  
JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, cilt.3, sa.4, ss.367-370, 2006 (SCI-Expanded)
- CXIX. **cis-bis(Saccharinato)cobalt(II) and -zinc(II) complexes with 2-dimethylaminoethanol: syntheses, crystal structures, spectroscopic and thermal studies**  
YILMAZ V. T., Kars V., Kazak C.  
JOURNAL OF COORDINATION CHEMISTRY, cilt.59, sa.17, ss.1937-1944, 2006 (SCI-Expanded)
- CXX. **Silver(I)-barbital based frameworks: Syntheses, crystal structures, spectroscopic, thermal and antimicrobial activity studies**  
Yilmaz V. T., Yilmaz F., Karakaya H., Bueyuekguengoer O., Harrison W. T. A.  
POLYHEDRON, cilt.25, sa.15, ss.2829-2840, 2006 (SCI-Expanded)
- CXXI. **Ethene-trans-1,2-bis(4-pyridinium) dihydrogenphosphite and dihydrogenphosphate compounds**

- exhibiting cooperative and directed hydrogen bonds between cations and anions: H(2)bpe(H2P03)(2) and H(2)bpe(H2P04)(2)center dot H2O**  
 YILMAZ V. T., DEMİR S., Harrison W. T. A.  
 ZEITSCHRIFT FUR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, cilt.61, sa.9, ss.1067-1071, 2006 (SCI-Expanded)
- CXXII. **Syntheses and characterization of Zn-II and Cd-II coordination polymers, [Zn(mu-bpe)(NO2)(2)](n) and [Cd-2([mu-bpp)(3)(NO2)(4)](n)**  
 Amiri M. G., Ranjbar Z. R., Morsali A., YILMAZ V. T., Buyukgungor O.  
 SOLID STATE SCIENCES, cilt.8, sa.9, ss.1115-1120, 2006 (SCI-Expanded)
- CXXIII. **Metal complexes of saccharin**  
 Baran E. J., YILMAZ V. T.  
 COORDINATION CHEMISTRY REVIEWS, cilt.250, sa.15-16, ss.1980-1999, 2006 (SCI-Expanded)
- CXXIV. **Syntheses, IR spectra, thermal analyses, crystal structures, luminescence properties and DFT calculations of two silver-saccharinato complexes with 2-(dimethylaminomethyl)-3-hydroxypyridine and N-(2-aminoethyl)pyrrolidine**  
 YILMAZ V. T., Hamamci S., Gumus S., Buyukgungor O.  
 JOURNAL OF MOLECULAR STRUCTURE, cilt.794, sa.1-3, ss.142-147, 2006 (SCI-Expanded)
- CXXV. **Synthesis, crystal structure and properties of trans-[Cu(sac)(2)(en)(2)] (sac = saccharinato and en = ethylenediamine)**  
 Guney S., YILMAZ V. T., Harrison W. T. A.  
 JOURNAL OF COORDINATION CHEMISTRY, cilt.59, sa.10, ss.1123-1130, 2006 (SCI-Expanded)
- CXXVI. **Photoluminescence of two silver(I)-saccharinate complexes with pyrazine and pyridazine: Experiment and DFT calculations**  
 YILMAZ V. T., Hamamci S., Gumus S.  
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- CXXVII. **Synthesis, crystal and molecular structure of 3-phenyl-5-p-tolyl-4(3,4,5-trimetoxybenzilideneamino)-4H-1,2,4-triazole**  
 Kazak C., Yilmaz V. T., Agar E., Bekircan O.  
 CRYSTAL RESEARCH AND TECHNOLOGY, cilt.41, sa.6, ss.607-610, 2006 (SCI-Expanded)
- CXXVIII. **Synthesis, crystal and molecular structures of 1-n-butyl-2-(3'-chlorophenyl)-1H-benzimidazole-5-carbonitrile hemihydrate and 1-n-butyl-2-(3',4'-dimethoxyphenyl)-1H-benzimidazole-5-carbonitrile**  
 Kazak C., YILMAZ V. T., GÖKER A. H., Kus C.  
 CRYSTAL RESEARCH AND TECHNOLOGY, cilt.41, sa.5, ss.528-532, 2006 (SCI-Expanded)
- CXXIX. **Synthesis and characterization of cadmium and mercury saccharinate complexes with 2-dimethylaminoethanol: cis-[Cd(sac)(2)(dmea)(2)] and [Hg(sac)(2)(dmea)(H2O)]**  
 YILMAZ V. T., Kars V., Kazak C.  
 ZEITSCHRIFT FUR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, cilt.61, sa.5, ss.555-559, 2006 (SCI-Expanded)
- CXXX. **(3-Hydroxy-2-pyridylmethyl)dimethylammonium dihydrogen phosphate**  
 DEMİR S., YILMAZ V. T., Harrison W.  
 ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, cilt.62, 2006 (SCI-Expanded)
- CXXXI. **Zinc barbiturate complexes with bidentate N-donor ligands: Syntheses, crystal structures, spectroscopic, thermal and voltammetric studies**  
 Yilmaz F., Yilmaz V. T., Bicer E., Buyukgungor O.  
 ZEITSCHRIFT FUR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, cilt.61, sa.3, ss.275-280, 2006 (SCI-Expanded)
- CXXXII. **Synthesis and characterization of silver(I) saccharinate complexes with pyrazole and imidazole ligands: [Ag(sac)(pz)(H2O)](n) and [Ag(sac)(im)] center dot 2H(2)O**  
 YILMAZ V. T., Hamamci S., Buyukgungor O.  
 ZEITSCHRIFT FUR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, cilt.61, sa.2, ss.189-193, 2006 (SCI-Expanded)

- CXXXIII. **Synthesis and structural characterization of a coordination polymer of silver(I) with saccharinate and nicotinamide**  
Hamamci S., YILMAZ V. T., Kazak C.  
STRUCTURAL CHEMISTRY, cilt.17, sa.1, ss.57-61, 2006 (SCI-Expanded)
- CXXXIV. **Ethene-trans-1,2-bis(4-pyridinium) Dihydrogenphosphite and Dihydrogenphosphate Compounds Exhibiting Cooperative and Directed Hydrogen Bonds between Cations and Anions: H2bpe(H2PO3)2 and H2bpe(H2PO4)2 · H2O**  
Yilmaz V. T., Demir S., Harrison W.  
ZEITSCHRIFT FÜR NATURFORSCHUNG - SECTION B JOURNAL OF CHEMICAL SCIENCES, cilt.61, sa.9, ss.1067-1071, 2006 (SCI-Expanded)
- CXXXV. **Monoclinic and triclinic concomitant polymorphs of di- $\mu$ -pyridazine-1 kappa N-2 : 2 kappa N-2'-bis[(saccharinato)silver(I)]**  
Hamamci S., YILMAZ V. T., Buyukgungor O.  
ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, cilt.62, 2006 (SCI-Expanded)
- CXXXVI. **An aqua-bridged helical-chain copper(II)-saccharinato polymer linked into a two-dimensional supramolecular framework**  
YILMAZ V. T., Kars V., Kazak C.  
ZEITSCHRIFT FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.632, sa.3, ss.505-508, 2006 (SCI-Expanded)
- CXXXVII. **A novel 1D coordination polymer [Pb(phen)( $\mu$ -N-3)( $\mu$ -NO3)](n) with the first Pb-2-( $\mu$ -N-3)(2) unit (phen=1,10-phenanthroline)**  
Marandi F., Mirtamizdoust B., Soudi A. A., YILMAZ V. T., Kazak C.  
ZEITSCHRIFT FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.632, sa.15, ss.2380-2382, 2006 (SCI-Expanded)
- CXXXVIII. **A non-metallic ionic saccharinate. Synthesis, structure and DFT calculations of piperazinium disaccharinate**  
Gumus S., Guney S., YILMAZ V. T., Kazak C.  
ZEITSCHRIFT FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.632, sa.8-9, ss.1544-1548, 2006 (SCI-Expanded)
- CXXXIX. **Synthesis, crystal structure, spectroscopic and thermal properties of trans-[Ni(sac)(2)(aeppz)(2)] [sac = accharinate and aeppz N-(2-aminoethyl)piperazine]**  
Guney S., YILMAZ V. T., Harrison W.  
JOURNAL OF COORDINATION CHEMISTRY, cilt.58, sa.18, ss.1667-1674, 2005 (SCI-Expanded)
- CXL. **Unusual template center dot center dot center dot template interactions in organically templated zincophosphate networks: {apyH[Zn(HP04)(H2P04)]center dot H2O }(n) and [meenH(2) [Zn-5(PO4)(4)]](n) (apyH=2-aminopyridinium and meenH(2) = monoethanol-ethylenediammonium)**  
YILMAZ V. T., DEMİR S., Kazak C., Harrison W.  
SOLID STATE SCIENCES, cilt.7, sa.10, ss.1247-1255, 2005 (SCI-Expanded)
- CXLI. **A second polymorph of 2-aminopyridinium dihydrogenphosphate**  
DEMİR S., YILMAZ V. T., Harrison W.  
ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, cilt.61, 2005 (SCI-Expanded)
- CXLII. **Silver(I)-saccharinato complexes with 2-(aminomethyl)pyridine and 2-(2-aminoethyl)pyridine ligands: [Ag(sac)(ampy)] and [Ag-2(sac)(2)( $\mu$ -aepy)(2)]**  
Hamamci S., YILMAZ V. T., Harrison W.  
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, cilt.60, sa.9, ss.978-983, 2005 (SCI-Expanded)
- CXLIII. **A chiral coordination polymer of silver(I) with saccharinate and pyridine: Synthesis, spectral, thermal, and structural characterization of [Ag(sac)(py)](n)**  
Hamamci S., YILMAZ V. T., Harrison W.  
STRUCTURAL CHEMISTRY, cilt.16, sa.4, ss.379-383, 2005 (SCI-Expanded)
- CXLIV. **C-H center dot center dot center dot O, C-H center dot center dot center dot pi and pi-pi interactions in three benzofuran-2-yl ketone derivatives**

- YILMAZ V. T., Kazak C., Kirilmis C., Koca M., Heinemann F.  
 ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, cilt.61, 2005 (SCI-Expanded)
- CXLV. **A new one-dimensional coordination polymer of silver(I) with bridging 2-(2-aminoethyl)pyridine and nitrate ligands:  $[Ag_2(\mu-NO_3)(2)(\mu-aepy)(2)](n)$**   
 Senel E., YILMAZ V. T., Harrison W.  
 ZEITSCHRIFT FUR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, cilt.60, sa.6, ss.659-662, 2005 (SCI-Expanded)
- CXLVI. **1,3-Dibenzoylimidazolidine-2-thione and 1,3-dibenzoyl-3,4,5,6-tetrahydropyrimidine-2(1H)-thione**  
 Kazak C., YILMAZ V. T., Servi S., Koca M., Heinemann F.  
 ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, cilt.61, 2005 (SCI-Expanded)
- CXLVII. **trans-bis(saccharinato)zinc and -cadmium complexes with N-(2-aminoethyl)piperazine: Synthesis, crystal structures and IR spectra**  
 YILMAZ V. T., Guney S., Harrison W.  
 ZEITSCHRIFT FUR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, cilt.60, sa.4, ss.403-407, 2005 (SCI-Expanded)
- CXLVIII. **Bis(saccharinato)copper(II) complexes with 2-aminomethylpyridine and 2-aminoethylpyridine: Syntheses, crystal structures, spectral and thermal characterizations of trans- $[Cu(sac)(2)(ampy)(2)]$  and  $[Cu(sac)(2)(aepy)(H_2O)]$  (ampy=2-aminomethylpyridine and aepy=2-aminoethylpyridine)**  
 YILMAZ V. T., ÇAĞLAR S., Harrison W.  
 JOURNAL OF COORDINATION CHEMISTRY, cilt.58, sa.6, ss.549-558, 2005 (SCI-Expanded)
- CXLIX. **Silver(I)-saccharin coordination polymers with 2-pyridylmethanol and 2,6-pyridinedimethanol. Synthetic, spectroscopic, thermal and structural studies of  $[Ag(sac)(\mu-mpy)](n)$  and  $[Ag(\mu-sac)(dmpy)](n)$**   
 Hamamci S., YILMAZ V. T., Harrison W., Thone C.  
 SOLID STATE SCIENCES, cilt.7, sa.4, ss.423-429, 2005 (SCI-Expanded)
- CL. **Di- and tetranuclear silver (I)-saccharinate complexes with 2-pyridineethanol and 2-pyridinepropanol: Syntheses, crystal structures, spectroscopic and thermal analyses of  $[Ag_2(sac)(2)(pyet)(2)]$  and  $[Ag_4(sac)(4)(pypr)(2)]$**   
 YILMAZ V. T., Hamamci S., Harrison W., Thone C.  
 POLYHEDRON, cilt.24, sa.5, ss.693-699, 2005 (SCI-Expanded)
- CLI. **Three 1,2,4-triazole derivatives containing substituted benzyl and benzylamino groups**  
 Yilmaz V. T., Kazak C., Ağar E., Kahveci B., Güven K. Y.  
 ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, cilt.61, 2005 (SCI-Expanded)
- CLII. **The first tris(saccharinato) complexes. Syntheses, spectral, thermal and structural characterization of  $ApyH[Cu(N-sac)(2)(O-sac)(H_2O)(2)]$  and  $ApyH[Zn(N-sac)(3)-(H_2O)]$  (ApyH=2-aminopyridinium and sac = saccharinate)**  
 Yilmaz V. T., YILMAZ F., Kazak C.  
 TRANSITION METAL CHEMISTRY, cilt.30, sa.1, ss.95-102, 2005 (SCI-Expanded)
- CLIII. **Bis-(5,5'-diethylbarbiturato)copper(II) and cadmium(II) Complexes with Ethylenediamine**  
 Kazak C., Yilmaz F., YILMAZ V. T.  
 ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, cilt.61, 2005 (SCI-Expanded)
- CLIV. **Two-dimensional holo- and hemidirected lead(II) coordination polymers: Synthetic, spectroscopic, thermal, and structural studies of  $[Pb(\mu-SCN)(2)(\mu-ebp)(1.5)](n)$  and  $\{[Pb(\mu-OAc)(\mu-ebp)](ClO_4)\}(n)$  (ebp=4,4'-[(1E)-ethane-1,2-diyl]bis[pyridine]; OAc = acetato)**  
 Morsali A., YILMAZ V. T., Kazak C., Zhu L.  
 HELVETICA CHIMICA ACTA, cilt.88, sa.9, ss.2513-2522, 2005 (SCI-Expanded)
- CLV.  **$[Hg_2(\mu-bpe)(\mu-OAc)(2)(\mu-SCN)(2)]$ , a new two-dimensional coordination polymer involving three simultaneously bridging ligands: 1,2-bis(4-pyridyle)ethene, acetate, and thiocyanate**  
 Morsali A., YILMAZ V. T., Kazak C.  
 ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.631, sa.9, ss.1577-1579, 2005 (SCI-Expanded)
- CLVI. **Silver(I) saccharinato complexes with ethylenediamine and N,N-dimethylethylenediamine -  $[Ag-$**

**2(sac)(2)(en)(H<sub>2</sub>O)](n) and [Ag-2(sac)(2)(dmen)(2)]**

YILMAZ V. T., Hamamci S., Kazak C.

ZEITSCHRIFT FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.631, sa.10, ss.1961-1965, 2005 (SCI-Expanded)

- CLVII. **Bis-(5,5'-diethylbarbiturato) copper(II) and cadmium(II) complexes with ethylenediamine. Synthesis, crystal structures, spectroscopic and thermal characterization of cis-[Cu(barb)(2)(en)] and {[Cd(barb)(2)(μ-en)]center dot 2H(2)O}(n)**  
YILMAZ F., Yilmaz V. T., Kazak C.  
ZEITSCHRIFT FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.631, sa.8, ss.1536-1540, 2005 (SCI-Expanded)
- CLVIII. **Synthesis, IR spectra, thermal analysis and crystal structure of a one-dimensional coordination polymer containing both three- and four-coordinate silver(I) centers bridged by both saccharinate and N-(2-hydroxyethyl)piperazine ligands**  
Hamamci S., YILMAZ V. T., Harrison W.  
JOURNAL OF MOLECULAR STRUCTURE, cilt.734, sa.1-3, ss.191-195, 2005 (SCI-Expanded)
- CLIX. **Veysel Turan YILMAZ [PDF] from degruyter.com Silver (I)-Saccharinato Complexes with 2-(Aminomethyl) pyridine and 2-(2-Aminoethyl) pyridine Ligands:[Ag (sac)(ampy)] and [Ag<sub>2</sub> (sac)<sub>2</sub> (μ-aepy)<sub>2</sub>]**  
Hamamci S., Yilmaz V. T., Harrison W. T.  
ZEITSCHRIFT FÜR NATURFORSCHUNG - SECTION B JOURNAL OF CHEMICAL SCIENCES, cilt.60, ss.978-983, 2005 (SCI-Expanded)
- CLX. **Crystal and molecular structure of 3-phenyl-4-(p-chlorobenzylamino)-4,5-dihydro-1-H-1,2,4-triazol-5-on**  
Yilmaz V. T., Ağar E., Güven K. Y., Kahveci B., Şaşmaz S.  
CRYSTAL RESEARCH AND TECHNOLOGY, cilt.39, sa.9, ss.811-814, 2004 (SCI-Expanded)
- CLXI. **Bis(saccharinato)nickel(II) complexes with 2-aminomethyl and -ethylpyridines. Syntheses, crystal structures, spectral and thermal analyses of trans-[Ni(sac-N)(2)(ampy-N,N')(2)] and trans-[Ni(sac-O)(2)(aepy-N,N')(2)]**  
YILMAZ V. T., ÇAĞLAR S., Harrison W.  
TRANSITION METAL CHEMISTRY, cilt.29, sa.5, ss.477-482, 2004 (SCI-Expanded)
- CLXII. **Copper(II)-malonato coordination frameworks with ethanolanmonium cations. Synthesis, spectral, thermal and structural characterization of trans-[Cu(mal)(2)(meaH)(2)] and {(deaH)(2)[Cu(μ-mal)(2)]center dot H<sub>2</sub>O}(infinity) (meaH = monoethanolammonium, deaH = diethanolammonium and mal = malonate)**  
YILMAZ V. T., Senel E., Kazak C.  
SOLID STATE SCIENCES, cilt.6, sa.8, ss.859-866, 2004 (SCI-Expanded)
- CLXIII. **1-n-Butyl-2-(4'-fluorophenyl)-1H-benzimidazole-6-carbonitrile**  
Kazak C., YILMAZ V. T., GÖKER A. H., Kus C.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, cilt.60, 2004 (SCI-Expanded)
- CLXIV. **trans-bis(ethylenediamine)bis(p-nitrobenzoxasulfamato)copper(II)**  
Kazak C., YILMAZ V. T., Yazicilar T.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, cilt.60, 2004 (SCI-Expanded)
- CLXV. **trans-Tetraaquabis(p-nitrobenzoxasulfamato)cobalt(II)**  
Kazak C., Yazicilar T., YILMAZ V. T.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, cilt.60, 2004 (SCI-Expanded)
- CLXVI. **Transition metal complexes of acetamidomalondihydroxamate: Synthesis, spectral, thermal and electrochemical studies**  
YILMAZ F., Yilmaz V. T., Topcu S.  
JOURNAL OF COORDINATION CHEMISTRY, cilt.57, sa.6, ss.525-534, 2004 (SCI-Expanded)
- CLXVII. **Synthesis, spectral, thermal and structural characterization of {[Cu(H<sub>2</sub>O)(3)][Cu(MAL)(2)]center dot 2H(2)O}(infinity) and [Cu(MAL)(TEA)]center dot H<sub>2</sub>O (MAL = malonate and TEA = triethanolamine)**



- YILMAZ V. T., Senel E., Thone C.  
TRANSITION METAL CHEMISTRY, cilt.29, sa.3, ss.336-342, 2004 (SCI-Expanded)
- CLXVIII. **Cobalt(II) complexes of 2-methanol-, 2,6-dimethanol- and 2-ethanolpyridines: syntheses, spectroscopic, thermal and structural characterizations of [Co-2( $\mu$ -Cl)(2)(mpy)(4)]Cl-2 center dot 2H(2)O, [Co(dmpy)(2)]Cl-2 and [Co(Cl)(4)](Hpyet)(2) (mpy=2-methanolpyridine; dmpy=2,6-dimethanolpyridine and Hpyet=2-ethanolpyridinium)**  
YILMAZ V. T., Hamamci S., Thone C.  
POLYHEDRON, cilt.23, sa.5, ss.841-848, 2004 (SCI-Expanded)
- CLXIX. **Chlorobis[2-(2-pyridyl)ethanol]copper(II) chloride**  
Hamamci S., YILMAZ V. T., Thone C.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, cilt.60, 2004 (SCI-Expanded)
- CLXX. **Synthesis, IR spectra, thermal analysis and crystal structures of bis(saccharinato)mercury(II) complexes with 2-aminomethylpyridine and 2-aminoethylpyridine**  
YILMAZ V. T., ÇAĞLAR S., Harrison W.  
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.630, sa.10, ss.1512-1516, 2004 (SCI-Expanded)
- CLXXI. **Trans-bis(saccharinato)cadmium(II) complexes with 2-aminomethylpyridine and 2-aminoethylpyridine - Synthesis, crystal structures, spectral and thermal characterization of trans-[Cd(sac)(2)(ampy)(2)] and trans-[Cd(sac)(2)(aepy)(2)]**  
YILMAZ V. T., ÇAĞLAR S., Harrison W.  
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.630, sa.7, ss.1126-1130, 2004 (SCI-Expanded)
- CLXXII. **cis-diapuabis[2-(hydroxymethyl)pyridine]-nickel(II) dichloride**  
Hamamci S., YILMAZ V. T., Thone C.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, cilt.60, 2004 (SCI-Expanded)
- CLXXIII. **A one-dimensional lead(II) coordination polymer with bridging saccharinate and 2-aminomethylpyridine ligands: Synthesis, IR spectra, and crystal structure of [Pb(ampy)( $\mu$ -sac)(2)](n)**  
YILMAZ V. T., ÇAĞLAR S., Harrison W.  
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.630, sa.6, ss.948-951, 2004 (SCI-Expanded)
- CLXXIV. **Bis(saccharinato-kappa N)zinc(II) complexes with N,N'-bidentate 2-aminomethylpyridine and 2-aminoethylpyridine**  
YILMAZ V. T., ÇAĞLAR S., Harrison W.  
ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, cilt.60, 2004 (SCI-Expanded)
- CLXXV. **Synthesis, crystal structure, IR spectra and thermal analysis of Na[Ag(sac)(2)] (sac = saccharinate)**  
YILMAZ V. T., Hamamci S., Thone C.  
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.630, sa.11, ss.1641-1644, 2004 (SCI-Expanded)
- CLXXVI. **Synthesis, spectra, thermal analysis and crystal structure of a mononuclear oxalato-copper(II) complex with monoethanolamine, [Cu(mea)(2)(ox)]**  
YILMAZ V. T., Senel E., Thone C.  
JOURNAL OF COORDINATION CHEMISTRY, cilt.56, sa.16, ss.1417-1423, 2003 (SCI-Expanded)
- CLXXVII. **The first calcium(II) complex with the saccharinate ligand: Synthesis, crystal structure, spectral and thermal characterization of trans-diaquabis[(2-hydroxyethyl)pyridinium]bis(saccharinato)calcium(II) disaccharinate, [Ca(sac)(2)(H2O)2(Hpyet)(2)](sac)(2)**  
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- CCI. **N-(2-Hydroxyethyl)ethylene-diammonium hydrogenphosphate monohydrate**  
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- CCVIII. **Bis(pyridine-2,6-dimethanol-N,O,O')cobalt(II) and -copper(II) disaccharinate dihydrate: three-dimensional structures with extensive hydrogen bonds and aromatic pi-pi-stacking interactions**  
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- CCXI. **Synthesis and structure of trans-bis(ethanolamine)bis(saccharinato)mercury(II)**  
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