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### **Kişisel Bilgiler**

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Publons / Web Of Science ResearcherID: L-7238-2018

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Yoksis Araştırmacı ID: 2774



### **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**

Doktora, Interactions Between Portland Cement and Sulphonated Melamine Formaldehyde Superplasticizer and Inorganic Glass Fibre", Doktora Tezi, University of Aberdeen, 1991

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

Dekan Yardımcısı, Ondokuz Mayıs Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 1996 - 1999

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Water-soluble copper(II) 5-fluorouracil complexes bearing polypyridyl co-ligands: synthesis, structures and anticancer activity**  
İÇSEL YILMAZ C., YILMAZ V. T., AYGÜN M., Erkisa M., Ulukaya E.  
Dalton transactions (Cambridge, England : 2003), cilt.52, sa.21, ss.7048-7058, 2023 (SCI-Expanded)
- II. **Synthesis, structural, magnetic and thermal studies of copper(II) 5,5-diethylbarbiturate complexes with nicotinamide, 2,2'-bipyridine and triethanolamine**  
YILMAZ V. T., YILMAZ F., İÇSEL YILMAZ C., AYGÜN M.  
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- III. **Novel 5-fluorouracil complexes of Zn(II) with pyridine-based ligands as potential anticancer agents**  
Icel C., Yılmaz V. T., Aygün M., Erkisa M., Ulukaya E.  
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- IV. **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**  
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- V. **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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- VI. **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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- VII. **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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- VIII. **A promising therapeutic combination for metastatic prostate cancer: Chloroquine as autophagy inhibitor and palladium(II) barbiturate complex**  
Erkisa M., Aydinlik S., Cevatemre B., Aztopal N., Akar R. O., ÇELİKLER KASIMOĞULLARI S., YILMAZ V. T., ARI F., Ulukaya E.  
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- IX. **Zn(ii), Cd(ii) and Hg(ii) saccharinate complexes with 2,6-bis(2-benzimidazolyl)pyridine as promising anticancer agents in breast and lung cancer cell lines via ROS-induced apoptosis**  
Icel C., YILMAZ V. T., Aydinlik S., AYGÜN M.  
DALTON TRANSACTIONS, cilt.49, sa.23, ss.7842-7851, 2020 (SCI-Expanded)
- X. **Trans-Pd/Pt(II) saccharinate complexes with a phosphine ligand: Synthesis, cytotoxicity and structure-activity relationship**  
Icel C., YILMAZ V. T., AYGÜN M., Ulukaya E.  
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- XI. **Cytotoxic platinum(II) complexes derived from saccharinate and phosphine ligands: synthesis, structures, DNA cleavage, and oxidative stress-induced apoptosis**  
Icel C., YILMAZ V. T., Cevatemre B., AYGÜN M., Ulukaya E.  
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- XII. **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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- XIII. **Structures and anticancer activity of chlorido platinum(II) saccharinate complexes with mono- and**

## dialkylphenylphosphines

Içsel C., YILMAZ V. T., Cevatemre B., AYGÜN M., Ulukaya E.

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- XIV. **Unfolded Protein Response is Involved in Trans-Platinum (II) Complex-Induced Apoptosis in Prostate Cancer Cells via ROS Accumulation**  
Karakas D., Cevatemre B., ORAL H. B., YILMAZ V. T., Ulukaya E.  
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- XV. **Pd(II) and Pt(II) saccharinate complexes of bis(diphenylphosphino) propane/butane: Synthesis, structure, antiproliferative activity and mechanism of action**  
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- XVI. **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**  
Içsel C., YILMAZ V. T., AYGÜN M., Cevatemre B., Alper P., Ulukaya E.  
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- XVII. **Synthesis, structures and anticancer potentials of platinum(II) saccharinate complexes of tertiary phosphines with phenyl and cyclohexyl groups targeting mitochondria and DNA**  
YILMAZ V. T., Içsel C., Turgut O. R., AYGÜN M., Erkisa M., TÜRKDEMİR M. H., Ulukaya E.  
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- XVIII. **Structures and biochemical evaluation of silver(I) 5,5-diethylbarbiturate complexes with bis(diphenylphosphino)alkanes as potential antimicrobial and anticancer agents**  
YILMAZ V. T., Içsel C., Batur J., Aydinlik S., Sahinturk P., AYGÜN M.  
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- XIX. **A palladium(II)-saccharinate complex of terpyridine exerts higher anticancer potency and less toxicity than cisplatin in a mouse allograft model**  
Cetin Y., Adiguzel Z., Polat H. U., Akkoc T., Tas A., Cevatemre B., Celik G., Carikci B., YILMAZ V. T., Ulukaya E., et al.  
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- XX. **Synthesis, structures, DNA/protein binding, molecular docking, anticancer activity and ROS generation of Ni(II), Cu(II) and Zn(II) 5,5-diethylbarbiturate complexes with bis(2-pyridylmethyl) amine and terpyridine**  
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- XXI. **Synthesis, structures and biomolecular interactions of new silver(I) 5,5-diethylbarbiturate complexes of monophosphines targeting Gram-positive bacteria and breast cancer cells**  
YILMAZ V. T., Içsel C., Batur J., Aydinlik S., CENGİZ M., Buyukgungor O.  
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- XXII. **The role of cell cycle progression for the apoptosis of cancer cells induced by palladium(II)-saccharinate complexes of terpyridine**  
Kacar O., Cevatemre B., Hatipoglu I., ARDA E. Ş. N., Ulukaya E., YILMAZ V. T., Acilan C.  
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- XXIII. **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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- XXIV. **Anti-angiogenic effect of a Palladium(II)-Saccharinate Complex of Terpyridine in vitro and in vivo**  
ARMUTAK E. İ., Gurel-Gurevin E., Kiyani H. T., Aydinlik S., YILMAZ V. T., Dimas K., Ulukaya E.  
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- XXV. **Apoptosis-inducing Effect of a Palladium(II) Complex-[PdCl(terpy)](sac)center dot 2H2O on Ehrlich Ascites Carcinoma (EAC) in Mice**  
ARMUTAK E. İ., Ulukaya E., Gurel-Gurevin E., YAYLIM İ., Isbilen-Basok B., Sennazli G., Yuzbasioglu-Ozturk G.,

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- XXVI. **Preparation of a Novel Nano-scale Lead (II) Zig-Zag Metal-Organic Coordination Polymer with Ultrasonic Assistance: Synthesis, Crystal Structure, Thermal Properties, and NBO Analysis of [Pb(mu-2-pinh)N-3 H2O](n)**  
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- XXVII. **Elucidation of molecular action mechanisms of cytotoxic palladium derivatives on various cancer cells**  
Kacar O., Hatipoglu I., YILMAZ V. T., ARDA E. Ş. N., Ulukaya E., Acilan C. A.  
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- XXVIII. **Synthesis, Spectroscopic, Structural and Quantum Chemical Studies of a New Imine Oxime and Its Palladium(II) Complex: Hydrolysis Mechanism**  
Kaya Y., YILMAZ V. T., Buyukgungor O.  
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- XXIX. **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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- XXX. **Synthesis, characterization and structures of solvent-mediated Na(I)-Pd(II) heterometallic complexes containing [Pd(barb)(4)](2-) units (barb=5,5-diethylbarbiturate)**  
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- XXXI. **Apoptosis-inducing Effect of a Palladium(II) Complex-[PdCl(terpy)](sac).2H2O on Ehrlich Ascites Carcinoma (EAC) in Mice**  
Armutak E. İ., Ulukaya E., Gürel Gürevin E., Yaylım İ., İşbilen Boşak B., Şennazlı G., Yüzbaşıoğlu Öztürk G., Sönmez K., Çelik F., Küçükhüseyin Ö., et al.  
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- XXXII. **Cationic Pd(II)/Pt(II) 5,5-diethylbarbiturate complexes with bis(2-pyridylmethyl)amine and terpyridine: Synthesis, structures, DNA/BSA interactions, intracellular distribution, cytotoxic activity and induction of apoptosis**  
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- XXXIII. **Addition of niclosamide to palladium(II) saccharinate complex of terpyridine results in enhanced cytotoxic activity inducing apoptosis on cancer stem cells of breast cancer**  
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- XXXIV. **Structural, spectroscopic and quantum chemical studies of acetyl hydrazone oxime and its palladium(II) and platinum(II) complexes**  
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- XXXV. **Anti-growth effect of a novel trans-dichloridobis[2-(2-hydroxyethyl)pyridine] platinum (II) complex via induction of apoptosis on breast cancer cell lines**  
ORAL H. B., Cevatemre B., SARIMAHMUT M., Iysel C., YILMAZ V. T., Ulukaya E.  
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- XXXVI. **Anticancer Effect of a Novel Palladium-Saccharinate Complex of Terpyridine by Inducing Apoptosis on Ehrlich Ascites Carcinoma (EAC) in Balb-C Mice**  
ARMUTAK E. İ., SÖNMEZ K., AKGÜN DAR K., Sennazlı G., KAPUCU A., Yigit F., YILMAZ V. T., Ulukaya E.  
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Antunovic M., Kriznik B., Ulukaya E., YILMAZ V. T., Mihalic K. C., Madunic J., Marijanovic I.  
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- XXXVIII. **New palladium(II) and platinum(II) 5,5-diethylbarbiturate complexes with 2-phenylpyridine, 2,2'-bipyridine and 2,2'-dipyridylamine: synthesis, structures, DNA binding, molecular docking, cellular uptake, antioxidant activity and cytotoxicity**  
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- XXXIX. **BIS(N,N'-BIS(2-HYDROXYETHYL)ETHYLENEDIAMINE)NICKEL(II) SACCHARINATE: SYNTHESIS, CHARACTERIZATION AND CRYSTAL STRUCTURE**  
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- XL. **Coordination complexes and polymers from the initial application of phenyl-2-pyridyl ketone azine in mercury chemistry**  
Khandar A. A., Ghosh B. K., Lampropoulos C., Gargari M. S., YILMAZ V. T., Bhar K., Hosseini-Yazdi S. A., Cain J. M., Mahmoudi G.  
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- XLI. **Synthesis and crystal structures of new di- and polynuclear silver(I) saccharinate complexes with tertiary monophosphanes**  
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- XLII. **A combined experimental and theoretical investigation of a new imineoxime and its palladium(II) and platinum(II) complexes: Synthesis, structural characterization and spectroscopic properties**  
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- XLIII. **Preparation of PbS and PbO nanopowders from new Pb(II)(saccharine) coordination polymers**  
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- XLIV. **Biochemical and Proteomic Analysis of a Potential Anticancer Agent: Palladium(II) Saccharinate Complex of Terpyridine Acting through Double Strand Break Formation**  
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- XLV. **PALLADIUM (II)-SACCHARINATE COMPLEX OF TERPYRIDINE SEEMS TO BE A PROMISING NOVEL COMPOUND FOR THE TREATMENT OF LUNG CANCER IN VITRO**  
Ulukaya E., Karakas D., ARI F., Aztopal N., Ayhan A. C., YILMAZ V. T.  
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- XLVI. **Apoptosis-inducing effect of a palladium(II) saccharinate complex of terpyridine on human breast cancer cells in vitro and in vivo**  
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- XLVII. **Holodirected coordination sphere around lead(II) in three-dimensional polymeric structure; New precursor for preparation of lead oxide sulfate nano-structures**  
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- XLVIII. **Sonochemical syntheses of two nano-sized lead(II) metal-organic frameworks; application for catalysis and preparation of lead(II) oxide nanoparticles**  
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- XLIX. **Coordination versatility of 2,2'-(ethylenedioxy)bis(ethylamine) in new mono- and polynuclear**

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- L. **Breast cancer stem cells are more resistant than parental cells to a novel palladium (II) saccharinate complex**  
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- LI. **Palladium(II) and platinum(II) complexes of a new imineoxime ligand - Structural, spectroscopic and DFT/time-dependent (TD) DFT studies**  
Kaya Y., Iysel C., YILMAZ V. T., Buyukgungor O.  
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- LII. **Theoretical study of hydrolysis of an imine oxime in aqueous solution and crystal structure and spectroscopic characterization of a platinum(II) complex containing the hydrolysis product**  
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- LIII. **Synthesis, crystal structures, in vitro DNA binding, antibacterial and cytotoxic activities of new di- and polynuclear silver(I) saccharinate complexes with tertiary monophosphanes**  
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- LIV. **Di- and polynuclear silver(I) saccharinate complexes of tertiary diphosphane ligands: synthesis, structures, in vitro DNA binding, and antibacterial and anticancer properties**  
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- LV. **Evaluation of the molecular mechanisms of a palladium(II) saccharinate complex with terpyridine as an anticancer agent**  
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- LVI. **In vitro DNA binding studies of the sweetening agent saccharin and its copper(II) and zinc(II) complexes**  
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- LVII. **Synthesis, structural characterization and cell death-inducing effect of novel palladium(II) and platinum(II) saccharinate complexes with 2-(hydroxymethyl)pyridine and 2-(2-hydroxyethyl)pyridine on cancer cells in vitro**  
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- LVIII. **Promising anti-growth effects of palladium(II) saccharinate complex of terpyridine by inducing apoptosis on transformed fibroblasts in vitro**  
Coskun M. D., ARI F., ORAL H. B., SARIMAHMUT M., Kutlu H. M., YILMAZ V. T., Ulukaya E.  
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- LX. **A palladium(II) complex containing both carbonyl and imine oxime ligands: Crystal structure, experimental and theoretical UV-vis, IR and NMR studies**  
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- CXXX. **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 FÜR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, cilt.61, sa.2, ss.189-193, 2006 (SCI-Expanded)
- CXXXI. **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)
- CXXXII. **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)
- CXXXIII. **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)
- CXXXIV. **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)
- CXXXV. **A novel 1D coordination polymer [Pb(phen)( $\mu$ -N-3)( $\mu$ -NO<sub>3</sub>)](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 FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.632, sa.15, ss.2380-2382, 2006 (SCI-Expanded)
- CXXXVI. **A non-metallic ionic saccharinate. Synthesis, structure and DFT calculations of piperazinium disaccharinate**  
 Gumus S., Guney S., YILMAZ V. T., Kazak C.  
 ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.632, sa.8-9, ss.1544-1548, 2006 (SCI-Expanded)
- CXXXVII. **Synthesis, crystal structure, spectroscopic and thermal properties of trans-[Ni(sac)(2)(aepz)(2)] [sac =accharinate and aepz 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)
- CXXXVIII. **Unusual template center dot center dot center dot template interactions in organically templated zincophosphate networks: {apyH[Zn(HPO<sub>4</sub>)(H<sub>2</sub>PO<sub>4</sub>)]center dot H<sub>2</sub>O}(n) and [meenH(2) [Zn-5(PO<sub>4</sub>)(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)
- CXXXIX. **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)
- CXL. **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 FUR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, cilt.60, sa.9, ss.978-983, 2005 (SCI-Expanded)
- CXLI. **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)
- CXLII. **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)
- CXLIII. **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)
- CXLIV. **A new one-dimensional coordination polymer of silver(I) with bridging 2-(2-aminoethyl)pyridine and nitrate ligands: [Ag-2( $\mu$ -NO<sub>3</sub>)(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)
- CXLV. **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)
- CXLVI. **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)
- CXLVII. **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<sub>2</sub>O)] (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)
- CXLVIII. **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)
- CXLIX. **The first tris(saccharinato) complexes. Syntheses, spectral, thermal and structural characterization of ApyH[Cu(N-sac)(2)(O-sac)(H<sub>2</sub>O)(2)] and ApyH[Zn(N-sac)(3)-(H<sub>2</sub>O)] (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)
- CL. **Three 1,2,4-triazole derivatives containing substituted benzyl and benzylamino groups**  
 Yilmaz V. T., Kazak C., Açar E., Kahveci B., Güven K. Y.  
 ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, cilt.61, 2005 (SCI-Expanded)
- CLI. **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) 2 ( $\mu$ -aepy) 2]**  
 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)
- CLII. **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)( $\mu$ -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)
- CLIII. **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)
- 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<sub>4</sub>)}(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. **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)
- CLVI. **[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 FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.631, sa.9, ss.1577-1579, 2005 (SCI-Expanded)
- CLVII. **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)

CLVIII. **Crystal and molecular structure of 3-phenyl-4-(p-chlorobenzylamino)-4,5-dihydro-1-H-1,2,4-triazol-5-on**

Yilmaz V. T., Ađar E., Güven K. Y., Kahveci B., řařmaz S.

CRYSTAL RESEARCH AND TECHNOLOGY, cilt.39, sa.9, ss.811-814, 2004 (SCI-Expanded)

CLIX. **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., řAđLAR S., Harrison W.

TRANSITION METAL CHEMISTRY, cilt.29, sa.5, ss.477-482, 2004 (SCI-Expanded)

CLX. **Copper(II)-malonato coordination frameworks with ethanolammonium cations. Synthesis, spectral, thermal and structural characterization of trans-[Cu(mal)(2)(meaH)(2)] and {(deaH)(2)[Cu(mu-mal)(2)]center dot H2O}(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)

CLXI. **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)

CLXII. **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)

CLXIII. **Synthesis, spectral, thermal and structural characterization of {[Cu(H2O)(3)][Cu(MAL)(2)]center dot 2H(2)O}(infinity) and [Cu(MAL)(TEA)]center dot H2O (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)

CLXIV. **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)

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. **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)

CLXVII. **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)

CLXVIII. **Bis(saccharinato-kappa N)zinc(II) complexes with N,N'-bidentate 2-aminomethylpyridine and 2-aminoethylpyridine**

YILMAZ V. T., řAđLAR S., Harrison W.

ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, cilt.60, 2004 (SCI-Expanded)

CLXIX. **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 FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.630, sa.6, ss.948-951, 2004 (SCI-Expanded)

- CLXX. **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)
- CLXXI. **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 FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.630, sa.10, ss.1512-1516, 2004 (SCI-Expanded)
- CLXXII. **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 FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.630, sa.7, ss.1126-1130, 2004 (SCI-Expanded)
- CLXXIII. **Synthesis, crystal structure, IR spectra and thermal analysis of Na[Ag(sac)(2)] (sac = saccharinate)**  
YILMAZ V. T., Hamamci S., Thone C.  
ZEITSCHRIFT FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.630, sa.11, ss.1641-1644, 2004 (SCI-Expanded)
- CLXXIV. **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)
- CLXXV. **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)(H<sub>2</sub>O)<sub>2</sub>(Hpyet)(2)](sac)(2)**  
YILMAZ V. T., Kazak C., Hamamci S.  
ZEITSCHRIFT FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.629, sa.11, ss.2013-2017, 2003 (SCI-Expanded)
- CLXXVI. **Mono- and binuclear copper(II) complexes of saccharin with 2-pyridinepropanol synthesis, spectral, thermal and structural characterization**  
YILMAZ V. T., Hamamci S., Andac O., Thone C., Harrison W.  
TRANSITION METAL CHEMISTRY, cilt.28, sa.6, ss.676-681, 2003 (SCI-Expanded)
- CLXXVII. **An eight-coordinate strontium complex with two tetradentate triethanolamine ligands: synthesis, IR spectra, thermal analysis and crystal structure of bis(triethanolamine)strontium(II) saccharinate**  
Kazak C., Hamamci S., Topcu Y., YILMAZ V. T.  
JOURNAL OF MOLECULAR STRUCTURE, cilt.657, sa.1-3, ss.351-356, 2003 (SCI-Expanded)
- CLXXVIII. **Synthesis, spectra, thermal analysis and crystal structure of trans-bis(2-pyridinepropanol)bis(saccharinato)cobalt(II)**  
Hamamci S., YILMAZ V. T., Harrison W.  
JOURNAL OF COORDINATION CHEMISTRY, cilt.56, sa.12, ss.1033-1039, 2003 (SCI-Expanded)
- CLXXIX. **Syntheses, spectral, thermal and electrochemical studies of 3-carboxylacetonehydroxamic acid and its iron(II), cobalt(II), nickel(II), copper(II) and zinc(II) complexes**  
YILMAZ F., Yilmaz V. T., Topcu S., Menek N.  
JOURNAL OF COORDINATION CHEMISTRY, cilt.56, sa.10, ss.903-911, 2003 (SCI-Expanded)
- CLXXX. **Triethanolammonium dihydrogenphosphate**  
DEMİR S., YILMAZ V. T., Harrison W.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, cilt.59, 2003 (SCI-Expanded)



- CLXXXI. **2-(hydroxymethyl)pyridinium dihydrogenphosphate**  
DEMİR S., YILMAZ V. T., Harrison W.  
ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, cilt.59, 2003 (SCI-Expanded)
- CLXXXII. **Synthesis, spectra and crystal structure of 2-([3-(methyl {3-[(2-hydroxybenzylidene)amino]propyl} amino)propyl]imino)methyl)phenol copper(II) complex**  
Yilmaz V. T., Degirmencioglu I., Andac O., Karabocek S., Slawin A.  
JOURNAL OF MOLECULAR STRUCTURE, cilt.654, sa.1-3, ss.125-129, 2003 (SCI-Expanded)
- CLXXXIII. **Synthesis, special and structural characterization of the first Bis-2-pyridylethanol complex of Mn(II), Fe(II), Co(II), Ni(II), Cu(II), and Zn(II) saccharinates: Crystal structures of diaquabis(2-pyridylethanol)iron(II) and copper(II) saccharinates**  
YILMAZ V. T., Hamamci S., Thone C.  
JOURNAL OF COORDINATION CHEMISTRY, cilt.56, sa.9, ss.787-795, 2003 (SCI-Expanded)
- CLXXXIV. **Trans-bis(saccharinato)cadmium(II) complexes with 2-pyridylethanol: Synthesis, crystal structures, spectral and thermal characterization of [Cd(sac)(2)(pyet)(2)] and Cd(sac)(2)(H2O)(dmsO)(pyet)]**  
YILMAZ V. T., Hamamci S., Thone C.  
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.629, sa.4, ss.711-715, 2003 (SCI-Expanded)
- CLXXXV. **Metal complexes of phenylpiperazine-based dithiocarbamate ligands. Synthesis, characterization, spectroscopic, thermal, and antimicrobial activity studies**  
YILMAZ V. T., Yazicilar T., Cesur H., Ozkanca R., Maras F.  
SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY, cilt.33, sa.4, ss.589-605, 2003 (SCI-Expanded)
- CLXXXVI. **Synthesis, crystal and molecular structure of 2-pyridylethanolbis(saccharinato)mercury(II)**  
YILMAZ V. T., Hamamci S., Thone C.  
CRYSTAL RESEARCH AND TECHNOLOGY, cilt.37, sa.10, ss.1143-1148, 2003 (SCI-Expanded)
- CLXXXVII. **Synthesis, crystal and molecular structure of trans-bis(2-pyridinepropanol)bis(saccharinato)nickel(II)**  
YILMAZ V. T., Hamamci S., Thone C.  
CRYSTAL RESEARCH AND TECHNOLOGY, cilt.38, sa.11, ss.992-995, 2003 (SCI-Expanded)
- LXXXVIII. **A three-dimensional lead(II) polymer with bridging saccharinate and unusually coordinated acetate ligands - Synthesis, IR spectra, and crystal structure of [Pb(H2O)(mu-OAc)(mu-sac)](n)**  
YILMAZ V. T., Hamamci S., Andac O., Guven K.  
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.629, sa.1, ss.172-176, 2003 (SCI-Expanded)
- CLXXXIX. **Synthesis, spectral and thermal studies of Bis-2,6-dimethanolpyridine complexes of Co(II), Ni(II), Cu(II) and Zn(II) saccharinates: Crystal structures of [Ni(dmpy)(2)](sac)(2)center dot 2H(2)O and [Zn(dmpy)(2)](sac)(2)center dot 2H(2)O**  
YILMAZ V. T., Guney S., Andac O., Harrison W.  
JOURNAL OF COORDINATION CHEMISTRY, cilt.56, sa.1, ss.21-32, 2003 (SCI-Expanded)
- CXC. **trans-Diaquabis(2-pyridylethanol-N,O)cobalt(II) disaccharinate**  
YILMAZ V. T., Hamamci S., Thone C.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, cilt.58, 2002 (SCI-Expanded)
- CXCI. **trans-Diaquabis(2-pyridylethanol-N,O)nickel(II) disaccharinate**  
Hamamci S., YILMAZ V. T., Thone C.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, cilt.58, 2002 (SCI-Expanded)
- CXCII. **A hydrogen-bonded dimer of a novel Co(II) complex of monoethanolamine with thiocyanate: synthesis, spectra, thermal behaviour and crystal structure**  
YILMAZ V. T., Andac O., KARADAĞ A., Harrison W.  
JOURNAL OF MOLECULAR STRUCTURE, cilt.641, sa.2-3, ss.119-124, 2002 (SCI-Expanded)
- CXCIII. **Different coordination modes of saccharin in the metal complexes with 2-pyridylmethanol: synthesis, spectroscopic, thermal and structural characterization**  
YILMAZ V. T., Guney S., Andac O., Harrison W.  
POLYHEDRON, cilt.21, sa.23, ss.2393-2402, 2002 (SCI-Expanded)

- CXCIV. **Bis(2-pyridylmethanol)bis(saccharinato)zinc(II) and -cadmium(II) at 120 K: three-dimensional structures containing both N-and O-coordinated ambidentate saccharinate ligands**  
 YILMAZ V. T., Guney S., Andac O., Harrison W.  
 ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, cilt.58, 2002 (SCI-Expanded)
- CXCV. **Bis(p-nitrobenzoxasulfamato) complexes of cadmium(II) and mercury(II) - Synthesis, spectra, and X-ray crystal structures**  
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## **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

- I. **Monofosfinler İçeren Yeni Palladyum(II) Kloro ve Sakkarinat Komplekslerinin Sentezi ve Yapıları**  
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- II. **Difosfin Ligantları İçeren Nötral ve Katyonik Palladyum(II) ve Platin(II) Sakkarinat Komplekslerinin Sentezi ve Yapıları**  
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