

## Prof.Dr. VEYSEL TURAN YILMAZ

### Kişisel Bilgiler

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Yoksis Araştırmacı ID: 2774

### Eğitim Bilgileri

Doktora, University of Aberdeen, Birleşik Krallık 1989 - 1991

Yüksek Lisans, Ondokuz Mayıs Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Türkiye 1985 - 1987

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

### Yabancı Diller

İngilizce, C1 İleri

### Araştırma Alanları

Biyoinorganik Kimya, Geçiş Elementleri, İnorganik Polimerler, Koordinasyon Kimyası, Organometalik Kimya

### Akademik Unvanlar / Görevler

Prof.Dr., Bursa Uludağ Üniversitesi, FEN-EDEBİYAT FAKÜLTESİ, KİMYA, 2007 - Devam Ediyor

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

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

- I. Novel 5-fluorouracil complexes of Zn(II) with pyridine-based ligands as potential anticancer agents**  
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- II. 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., Uvez A., KIYAN H. T., Gurel-Gurevin E., YILMAZ V. T., ULUKAYA E., Armutak E. I.  
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- III. **Preparation and Characterization of Palladium Derivate-Loaded Micelle Formulation in Vitro as an Innovative Therapy Option against Non-Small Cell Lung Cancer Cells**  
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- IV. **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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- V. **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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- VI. **A promising therapeutic combination for metastatic prostate cancer: Chloroquine as autophagy inhibitor and palladium(II) barbiturate complex**  
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- VII. **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**  
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- VIII. **Trans-Pd/Pt(II) saccharinate complexes with a phosphine ligand: Synthesis, cytotoxicity and structure-activity relationship**  
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- IX. **Cytotoxic platinum(II) complexes derived from saccharinate and phosphine ligands: synthesis, structures, DNA cleavage, and oxidative stress-induced apoptosis**  
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- X. **Synthesis, structures and catalytic activity of Pd(II) saccharinate complexes with monophosphines in direct arylation of five-membered heteroarenes with aryl bromides**  
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- XI. **Structures and anticancer activity of chlorido platinum(II) saccharinate complexes with mono- and dialkylphenylphosphines**  
İÇSEL C., YILMAZ V. T., Cevatemre B., AYGÜN M., Ulukaya E.  
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- XII. **Unfolded Protein Response is Involved in Trans-Platinum (II) Complex-Induced Apoptosis in Prostate Cancer Cells via ROS Accumulation**  
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- XIV. **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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- XV. **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., İÇSEL C., Turgut O. R., AYGÜN M., Erkisa M., TÜRKDEMİR M. H., Ulukaya E.  
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- XVI. **Structures and biochemical evaluation of silver(I) 5,5-diethylbarbiturate complexes with bis(diphenylphosphino)alkanes as potential antimicrobial and anticancer agents**  
YILMAZ V. T., İÇSEL C., Batur J., Aydinlik S., Sahinturk P., AYGÜN M.  
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- XVII. **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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- XVIII. **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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- XIX. **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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- XX. **The role of cell cycle progression for the apoptosis of cancer cells induced by palladium(II)-saccharinate complexes of terpyridine**  
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- XXI. **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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- XXII. **Anti-angiogenic effect of a Palladium(II)-Saccharinate Complex of Terpyridine in vitro and in vivo**  
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- XXIII. **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(μ-2-pinh)N-3 H<sub>2</sub>O](n)**  
Mirtamizdoust B., Bienko D. C., Hanifehpour Y., Tiekink E. R. T., YILMAZ V. T., Talemi P., Joo S. W.  
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- XXIV. **Apoptosis-inducing Effect of a Palladium(II) Complex-[PdCl(terpy)](sac)center dot 2H<sub>2</sub>O] on Ehrlich Ascites Carcinoma (EAC) in Mice**  
Ikitimur-Armutak E. I., Ulukaya E., Gurel-Gurevin E., Yaylim I., Isbilen-Basok B., ŞENNAZLI G., Yuzbasioglu-Ozturk G., SÖNMEZ K., Celik F., Kucukhuseyin O., et al.  
IN VIVO, cilt.30, sa.4, ss.457-464, 2016 (SCI-Expanded)
- XXV. **Synthesis, characterization and structures of solvent-mediated Na(I)-Pd(II) heterometallic complexes containing [Pd(barb)(4)](2-) units (barb=5,5-diethylbarbiturate)**  
İÇSEL C., YILMAZ V. T., BÜYÜKGÜNGÖR O.  
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- XXVI. **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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- XXVII. **Synthesis, Spectroscopic, Structural and Quantum Chemical Studies of a New Imine Oxime and Its**

### **Palladium(II) Complex: Hydrolysis Mechanism**

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- XXVIII. **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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- XXIX. **Structural, spectroscopic and quantum chemical studies of acetyl hydrazone oxime and its palladium(II) and platinum(II) complexes**  
Kaya Y., İÇSEL C., YILMAZ V. T., BÜYÜKGÜNGÖR O.  
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- XXX. **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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- XXXI. **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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- XXXII. **Anticancer Effect of a Novel Palladium-Saccharinate Complex of Terpyridine by Inducing Apoptosis on Ehrlich Ascites Carcinoma (EAC) in Balb-C Mice**  
İkitimur-Armutak E. I., SÖNMEZ K., AKGÜN DAR K., ŞENNAZLI G., KAPUCU A., Yigit F., YILMAZ V. T., Ulukaya E.  
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- XXXIII. **Cytotoxic activity of novel palladium-based compounds on leukemia cell lines**  
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- XXXIV. **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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- XXXV. **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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- XXXVI. **BIS(N,N'-BIS(2-HYDROXYETHYL)ETHYLENEDIAMINE)NICKEL(II) SACCHARINATE: SYNTHESIS, CHARACTERIZATION AND CRYSTAL STRUCTURE**  
Karadogan A., KARADAĞ A., YILMAZ V. T.  
MACEDONIAN JOURNAL OF CHEMISTRY AND CHEMICAL ENGINEERING, cilt.34, sa.1, ss.101-104, 2015 (SCI-Expanded)
- XXXVII. **Synthesis and crystal structures of new di- and polynuclear silver(I) saccharinate complexes with tertiary monophosphanes**  
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- XXXVIII. **A combined experimental and theoretical investigation of a new imineoxime and its palladium(II) and platinum(II) complexes: Synthesis, structural characterization and spectroscopic properties**  
Kaya Y., İÇSEL C., YILMAZ V. T., BÜYÜKGÜNGÖR O.  
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- XXXIX. **Preparation of PbS and PbO nanopowders from new Pb(II)(saccharine) coordination polymers**  
Aslani A., Musevi S. J., ŞAHİN E., YILMAZ V. T.  
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- XL. **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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- XLI. **PALLADIUM (II)-SACCHARINATE COMPLEX OF TERPYRIDINE SEEMS TO BE A PROMISING NOVEL COMPOUND FOR THE TREATMENT OF LUNG CANCER IN VITRO**  
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- XLII. **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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- XLIII. **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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- XLIV. **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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- XLV. **Coordination versatility of 2,2'-(ethylenedioxy)bis(ethylamine) in new mono- and polynuclear metal(II) complexes of saccharinate: Synthesis, characterization and crystal structures**  
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- XLVI. **Breast cancer stem cells are more resistant than parental cells to a novel palladium (II) saccharinate complex**  
Karakas D., Aztopal N., Cevatemre B., Ari F., ORAL A. Y., YILMAZ V. T., Ulukaya E.  
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- XLVII. **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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- XLVIII. **Palladium(II) and platinum(II) complexes of a new imineoxime ligand - Structural, spectroscopic and DFT/time-dependent (TD) DFT studies**  
Kaya Y., İÇSEL C., YILMAZ V. T., BÜYÜKGÜNGÖR O.  
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- XLIX. **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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- L. **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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- LI. **In vitro DNA binding studies of the sweetening agent saccharin and its copper(II) and zinc(II) complexes**  
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- LII. **Evaluation of the molecular mechanisms of a palladium(II) saccharinate complex with terpyridine as an anticancer agent**  
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- LIII. **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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- LIV. **Promising anti-growth effects of palladium(II) saccharinate complex of terpyridine by inducing apoptosis on transformed fibroblasts in vitro**  
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- LV. **Palladium(II) saccharinate complexes with bis(2-pyridylmethyl) amine induce cell death by apoptosis in human breast cancer cells in vitro**  
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- LVI. **Differential Cytotoxic Activity of a Novel Palladium-Based Compound on Prostate Cell Lines, Primary Prostate Epithelial Cells and Prostate Stem Cells**  
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- LVII. **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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- LVIII. **DNA Binding and Cleavage Studies of Two Palladium(II) Saccharinate Complexes with Terpyridine**  
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- LIX. **Synthesis, crystal structures, DNA binding and cytotoxicity of two novel platinum(II) complexes containing 2-(hydroxymethyl)pyridine and pyridine-2-carboxylate ligands**  
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- LX. **trans-Dichloridopalladium(II) and platinum(II) complexes with 2-(hydroxymethyl)pyridine and 2-(2-hydroxyethyl)pyridine: Synthesis, structural characterization, DNA binding and in vitro cytotoxicity studies**  
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- LXI. **Syntheses, studies and crystal structures of coordination polymers and dinuclear complexes of mercury(II) halides and thiocyanate with a symmetrical Schiff base ligand**  
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- LXII. **Vibrational analyses of 1,3-dibenzoyl-4,5-dihydro-1H-imidazole-2-thione and 1,3-dibenzoyl tetrahydropyrimidine-2(1H)-thione by normal coordinate treatment**  
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- LXIII. **Experimental and theoretical DFT studies of structure, spectroscopic and fluorescence properties of a new imine oxime derivative**  
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- LXIV. **Anti-cancer activity of a novel palladium(II) complex on human breast cancer cells in vitro and in vivo**  
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- LXV. **Cell death-inducing effect of novel palladium(II) and platinum(II) complexes on non-small cell lung cancer cells in vitro**  
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- LXVI. **Synthesis, experimental and theoretical characterization of palladium(II) and platinum(II) saccharinate complexes with 2-(2-pyridyl)benzimidazole**  
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- LXVII. **Palladium(II) and platinum(II) saccharinate complexes containing pyridine and 3-acetylpyridine: Synthesis, crystal structures, fluorescence and thermal properties**  
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- LXVIII. **Syntheses, crystal structures, fluorescent, and thermal properties of nickel(II) 5,5-diethylbarbiturate complexes with (2-aminomethyl), (2-aminoethyl), and (2-hydroxyethyl)pyridines**  
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- LXIX. **Syntheses, Spectroscopic, Structural, Fluorescent and Thermal Properties of Bis(saccharinato)copper(II) Complexes with two Bis(pyridylamine) Ligands**  
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- LXX. **Synthesis, characterization, structures and cytotoxic activity of palladium(II) and platinum(II) complexes containing bis(2-pyridylmethyl)amine and saccharinate**  
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- LXXI. **Syntheses, crystal structures, spectroscopic, fluorescence and thermal properties of silver(I) 5,5-diethylbarbiturato complexes with some aminopyridines**  
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- LXXII. **Neutral and cationic palladium(II) and platinum(II) complexes of 2,2'-dipyridylamine with saccharinate: Syntheses, spectroscopic, structural, fluorescent and thermal studies**  
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- LXXIII. **Synthesis, Characterization, Crystal Structures and Thermal and Fluorescence Studies of Dinuclear and Polymeric Silver(I) Complexes of 5,5-Diethylbarbiturate with 2,5-Dimethylpyrazine and Piperazine Involving Ag-Ag Interactions**  
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- LXXIX. **Sonochemical synthesis of nano-scale mixed-ligands lead(II) coordination polymers as precursors for preparation of PbO and PbBr(OH) nano-structures: thermal, structural and X-ray powder diffraction studies**  
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- LXXXII. **One-dimensional silver(I) 5,5-diethylbarbiturato coordination polymers with N-piperidineethanol and 1,3-bis(4-piperidyl)propane: Syntheses, crystal structures, spectroscopic and thermal properties**  
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- LXXXIII. **Platinum(II) and palladium(II) saccharinato complexes with 2,2':6',2''-terpyridine: Synthesis, characterization, crystal structures, photoluminescence and thermal studies**  
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- LXXXIV. **Palladium(II) and Platinum(II) Saccharinate Complexes with 2-Aminomethylpyridine and 2-Aminoethylpyridine: Synthesis, Characterization, Crystal Structures, and Thermal Properties**  
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- LXXXIX. **Hydrothermal and sonochemical synthesis of a nano-sized 2D lead(II) coordination polymer: A precursor for nano-structured PbO and PbBr<sub>2</sub>**

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JOURNAL OF ORGANOMETALLIC CHEMISTRY, cilt.693, sa.26, ss.3885-3888, 2008 (SCI-Expanded)

- XCIII. **Two fluorescent silver(I)-saccharinato complexes of 2-methylpyrazine and pyrazine-2-carboxamide with Ag...Ag interactions**

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- XCv. **One-dimensional silver coordination polymers generated from saccharinate, piperazine and N,N'-bis(2-hydroxyethyl)piperazine**

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- XCvi. **Copper(II)-saccharinato complexes with piperazine and N-(2-aminoethyl)piperazine ligands**

Yimaz V. T., Guney S., KAZAK C.

POLYHEDRON, cilt.27, sa.5, ss.1381-1386, 2008 (SCI-Expanded)

- XCvii. **A one-dimensional silver(I) coordination polymer with saccharin and pyrazine: synthesis, crystal structure, thermal analysis, FTIR spectra, and DFT studies**

Hamamci S., YILMAZ V. T., Gumus S., Bueyuekguengoer O.

STRUCTURAL CHEMISTRY, cilt.19, sa.1, ss.123-129, 2008 (SCI-Expanded)

- XCviii. **5,5-diethylbarbiturate complexes of silver with 2,2'-bipyridine and 3-(2-pyridyl)propanol: Syntheses, crystal structures, spectroscopic, thermal and antimicrobial activity studies**

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- XCIX. **One-dimensionally hydrogen-bonded silver(I) saccharinate complexes with N-(2-aminoethyl)piperidine and N-(2-hydroxyethyl)piperidine: Synthesis, crystal structures, FTIR and thermal studies**

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YILMAZ V. T., Senel E., KAZAK C.  
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- CIII. **Influence of the crystallization solvent on the molecular structures of copper(II) saccharinato complexes with pyridazine: Synthesis, X-ray crystallography, spectroscopy, photoluminescence, and thermal properties**  
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- CIV. **Bis[2-(ethylamino)ethanol-kappa N-2,O]bis(saccharinato-kappa N) cadmium(II)**  
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- CVII. **One-dimensional pyrazine bridged M(II)-saccharinato coordination polymers: Synthesis, characterization, crystal structures and thermal studies**  
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- CVIII. **Synthesis, structural, spectroscopic, thermal and voltammetric properties of 5,5-diethylbarbiturato complexes of zinc with 2-(2-aminoethyl)pyridine and 2-(2-hydroxyethyl)pyridine**  
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- CIX. **New three-dimensional (3,4)-net zincophosphites templated by linear diammonium cations: H3N(CH2)(5)NH3 center dot Zn-3(HPO3)(4) and beta-H3N(CH2)(6)NH3 center dot Zn-3(HPO3)(4)**  
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- CXI. **A tetranuclear mu(3)-alkoxo-bridged cubane-like copper(II) complex containing 2-(ethylamino)ethanol and acetate: Synthesis and structural characterization**  
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- CXII. **Crystal structure of N,N-disalicylidene-(R,S)(S,R)-1,2-ethanediamine**  
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- CXIII. **cis-bis(Saccharinato)cobalt(II) and -zinc(II) complexes with 2-dimethylaminoethanol: syntheses,**

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- CXIV. **Silver(I)-barbital based frameworks: Syntheses, crystal structures, spectroscopic, thermal and antimicrobial activity studies**  
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- CXV. **Ethene-trans-1,2-bis(4-pyridinium) dihydrogenphosphite and dihydrogenphosphate compounds exhibiting cooperative and directed hydrogen bonds between cations and anions: H(2)bpe(H2PO3)(2) and H(2)bpe(H2PO4)(2)center dot H2O**  
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- CXVI. **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)**  
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SOLID STATE SCIENCES, cilt.8, sa.9, ss.1115-1120, 2006 (SCI-Expanded)
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CRYSTAL RESEARCH AND TECHNOLOGY, cilt.41, sa.6, ss.607-610, 2006 (SCI-Expanded)
- CXXII. **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**  
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- CXXIII. **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.  
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- CXXIV. **(3-Hydroxy-2-pyridylmethyl)dimethylammonium dihydrogen phosphate**  
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ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, cilt.62, 2006 (SCI-Expanded)
- CXXV. **Zinc barbiturate complexes with bidentate N-donor ligands: Syntheses, crystal structures, spectroscopic, thermal and voltammetric studies**

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ZEITSCHRIFT FUR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, cilt.61, sa.3, ss.275-280, 2006 (SCI-Expanded)

- CXXVI. **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)

- CXXVII. **Synthesis and characterization of silver(I) saccharinate complexes with pyrazole and imidazole ligands: [Ag(sac)(pz)(H<sub>2</sub>O)](n) and [Ag(sac)(im)] center dot 2H<sub>2</sub>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)

- CXXVIII. **Monoclinic and triclinic concomitant polymorphs of di-μ-pyridazine-1 kappa N-2 : 2 kappa N-2'-bis[(saccharinato)silver(I)]**

Hamamci S., YILMAZ V. T., Buyukgungor O.

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- CXXIX. **An aqua-bridged helical-chain copper(II)-saccharinato polymer linked into a two-dimensional supramolecular framework**

YILMAZ V. T., Kars V., Kazak C.

ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.632, sa.3, ss.505-508, 2006 (SCI-Expanded)

- CXXX. **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, ss.1544-1548, 2006 (SCI-Expanded)

- CXXXI. **A novel 1D coordination polymer [Pb(phen)(μ-N-3)(μ-N<sub>3</sub>)](n) with the first Pb-2-(μ-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)

- CXXXII. **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)

- CXXXIII. **Unusual template center dot center dot center dot template interactions in organically templated zincophosphate networks: {apyH[Zn(HP<sub>4</sub>O<sub>4</sub>)(H<sub>2</sub>P<sub>4</sub>O<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)

- CXXXIV. **Silver(I)-saccharinato complexes with 2-(aminomethyl)pyridine and 2-(2-aminoethyl)pyridine ligands: [Ag(sac)(ampy)] and [Ag-2(sac)(2)(μ-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)

- CXXXV. **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)

- CXXXVI. **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)

- CXXXVII. **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)

- CXXXVIII. **A new one-dimensional coordination polymer of silver(I) with bridging 2-(2-aminoethyl)pyridine and nitrate ligands:  $[\text{Ag}-2(\mu\text{-NO}_3)(2)(\mu\text{-aepy})(2)](n)$**

Senel E., YILMAZ V. T., Harrison W.

ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, cilt.60, sa.6, ss.659-662, 2005 (SCI-Expanded)

- CXXXIX. **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)

- CXL. **Silver(I)-saccharin coordination polymers with 2-pyridylmethanol and 2,6-pyridinedimethanol. Synthetic, spectroscopic, thermal and structural studies of  $[\text{Ag}(\text{sac})(\mu\text{-mpy})](n)$  and  $[\text{Ag}(\mu\text{-sac})(\text{dmpy})](n)$**

Hamamci S., YILMAZ V. T., Harrison W., Thone C.

SOLID STATE SCIENCES, cilt.7, sa.4, ss.423-429, 2005 (SCI-Expanded)

- CXLI. **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 FÜR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, cilt.60, sa.4, ss.403-407, 2005 (SCI-Expanded)

- CXLII. **Bis(saccharinato)copper(II) complexes with 2-aminomethylpyridine and 2-aminoethylpyridine: Syntheses, crystal structures, spectral and thermal characterizations of trans- $[\text{Cu}(\text{sac})(2)(\text{ampy})(2)]$  and  $[\text{Cu}(\text{sac})(2)(\text{aepy})(\text{H}_2\text{O})](\text{ampy}=2\text{-aminomethylpyridine and aepy}=2\text{-aminoethylpyridine})$**

YILMAZ V. T., Caglar S., Harrison W.

JOURNAL OF COORDINATION CHEMISTRY, cilt.58, sa.6, ss.549-558, 2005 (SCI-Expanded)

- CXLIII. **Di- and tetranuclear silver (I)-saccharinate complexes with 2-pyridineethanol and 2-pyridinepropanol: Syntheses, crystal structures, spectroscopic and thermal analyses of  $[\text{Ag}-2(\text{sac})(2)(\text{pyet})(2)]$  and  $[\text{Ag}-4(\text{sac})(4)(\text{pypr})(2)]$**

YILMAZ V. T., Hamamci S., Harrison W., Thone C.

POLYHEDRON, cilt.24, sa.5, ss.693-699, 2005 (SCI-Expanded)

- CXLIV. **The first tris(saccharinato) complexes. Syntheses, spectral, thermal and structural characterization of  $\text{ApyH}[\text{Cu}(\text{N-sac})(2)(\text{O-sac})(\text{H}_2\text{O})(2)]$  and  $\text{ApyH}[\text{Zn}(\text{N-sac})(3)-(\text{H}_2\text{O})]$  ( $\text{ApyH}=2\text{-aminopyridinium and sac} = \text{saccharinate})$**

Yilmaz V. T., YILMAZ F., Kazak C.

TRANSITION METAL CHEMISTRY, cilt.30, sa.1, ss.95-102, 2005 (SCI-Expanded)

- CXLV. **Three 1,2,4-triazole derivatives containing substituted benzyl and benzylamino groups**

YILMAZ V. T., Kazak C., Agar E., Kahveci B., Guven K.

ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, cilt.61, 2005 (SCI-Expanded)

- CXLVI. **Two-dimensional holo- and hemidirected lead(II) coordination polymers: Synthetic, spectroscopic, thermal, and structural studies of  $[\text{Pb}(\mu\text{-SCN})(2)(\mu\text{-ebp})(1.5)](n)$  and  $[\{\text{Pb}(\mu\text{-OAc})(\mu\text{-ebp})\}(\text{ClO}_4)](n)$  ( $\text{ebp}=4,4'\text{-}[(1\text{E})\text{-ethane-1,2-diyl}] \text{bis}[\text{pyridine}]; \text{OAc} = \text{acetato})$**

Morsali A., YILMAZ V. T., Kazak C., Zhu L.

HELVETICA CHIMICA ACTA, cilt.88, sa.9, ss.2513-2522, 2005 (SCI-Expanded)

- CXLVII.  **$[\text{Hg}-2(\mu\text{-bpe})(\mu\text{-OAc})(2)(\mu\text{-SCN})(2)]$ , a new two-dimensional coordination polymer involving three simultaneously bridging ligands: 1,2-bis(4-pyridyl)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)

- CXLVIII. **Silver(I) saccharinato complexes with ethylenediamine and N,N-dimethylethylenediamine -  $[\text{Ag}-2(\text{sac})(2)(\text{en})(\text{H}_2\text{O})](n)$  and  $[\text{Ag}-2(\text{sac})(2)(\text{dmen})(2)]$**

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

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

- CXLIX. **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 FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.631, sa.8, ss.1536-1540, 2005 (SCI-Expanded)
- CL. **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, ss.191-195, 2005 (SCI-Expanded)
- CLI. **Crystal and molecular structure of 3-phenyl-4-(p-chlorobenzlyamino)-4,5-dihydro-1-H-1,2,4-triazol-5-on**  
YILMAZ V. T., Agar E., Guven K., Kahveci B., ŞAŞMAZ S.  
CRYSTAL RESEARCH AND TECHNOLOGY, cilt.39, sa.9, ss.811-814, 2004 (SCI-Expanded)
- CLII. **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., Caglar S., Harrison W.  
TRANSITION METAL CHEMISTRY, cilt.29, sa.5, ss.477-482, 2004 (SCI-Expanded)
- CLIII. **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)
- CLIV. **1-n-Butyl-2-(4 '-fluorophenyl)-1H-benzimidazole-6-carbonitrile**  
Kazak C., YILMAZ V. T., Goker H., Kus C.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, cilt.60, 2004 (SCI-Expanded)
- CLV. **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)
- CLVI. **trans-Tetraaquis(p-nitrobenzoxasulfamato)cobalt(II)**  
Kazak C., Yazicilar T., YILMAZ V. T.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, cilt.60, 2004 (SCI-Expanded)
- CLVII. **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)
- CLVIII. **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)
- CLIX. **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)

- CLX. **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)
- CLXI. **Bis(saccharinato-kappa N)zinc(II) complexes with N,N'-bidentate 2-aminomethylpyridine and 2-aminoethylpyridine**  
YILMAZ V. T., Caglar S., Harrison W.  
ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, cilt.60, 2004 (SCI-Expanded)
- CLXII. **Synthesis, IR spectra, thermal analysis and crystal structures of bis(saccharinato)mercury(II) complexes with 2-aminomethylpyridine and 2-aminoethylpyridine**  
YILMAZ V. T., Caglar S., Harrison W.  
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.630, sa.10, ss.1512-1516, 2004 (SCI-Expanded)
- CLXIII. **cis-diapauabis[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)
- CLXIV. **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., Caglar S., Harrison W.  
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.630, sa.7, ss.1126-1130, 2004 (SCI-Expanded)
- CLXV. **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., Caglar S., Harrison W.  
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.630, sa.6, ss.948-951, 2004 (SCI-Expanded)
- CLXVI. **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)
- CLXVII. **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)
- CLXVIII. **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)**  
YILMAZ V. T., Kazak C., Hamamci S.  
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.629, sa.11, ss.2013-2017, 2003 (SCI-Expanded)
- CLXIX. **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)
- CLXX. **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, ss.351-356, 2003 (SCI-Expanded)
- CLXXI. **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)
- CLXXII. **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)
- CLXXIII. **Triethanolammonium dihydrogenphosphate**  
DEMİR S., YILMAZ V. T., Harrison W.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, cilt.59, 2003 (SCI-Expanded)
- CLXXIV. **2-(hydroxymethyl)pyridinium dihydrogenphosphate**  
DEMİR S., YILMAZ V. T., Harrison W.  
ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, cilt.59, 2003 (SCI-Expanded)
- CLXXV. **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, ss.125-129, 2003 (SCI-Expanded)
- CLXXVI. **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)
- CLXXVII. **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 FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.629, sa.4, ss.711-715, 2003 (SCI-Expanded)
- CLXXVIII. **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)
- CLXXIX. **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)
- CLXXX. **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 FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.629, sa.1, ss.172-176, 2003 (SCI-Expanded)
- CLXXXI. **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)
- CLXXXII. **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)
- CLXXXIII. **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)
- CLXXXIV. **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)

- CLXXXV. **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., Karadag A., Harrison W.  
JOURNAL OF MOLECULAR STRUCTURE, cilt.641, ss.119-124, 2002 (SCI-Expanded)
- CLXXXVI. **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)
- CLXXXVII. **Bis(p-nitrobenzoxasulfamato) complexes of cadmium(II) and mercury(II) - Synthesis, spectra, and X-ray crystal structures**  
YILMAZ V. T., Yazicilar T., Andac O., Kutuk H., Bekdemir Y., Harrison W.  
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.628, sa.8, ss.1908-1912, 2002 (SCI-Expanded)
- CLXXXVIII. **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)
- CLXXXIX. **Mixed-ligand metal succinate complexes with 1,10-phenanthroline and ethylenediamine: Synthesis, characterization, spectroscopic and thermal studies. Crystal structure of succinatocobalt(II) complex with phenanthroline**  
YILMAZ V. T., DEMİR S., Andac O., Harrison W.  
JOURNAL OF COORDINATION CHEMISTRY, cilt.55, sa.8, ss.863-872, 2002 (SCI-Expanded)
- CXC. **Synthesis, characterization and spectral studies of triethanolamine complexes of metal saccharinates. Crystal structures of [Co(TEA)(2)](SAC)(2) and [Cu-2(mu-TEA)2(SAC)(2)]center dot 2(CH3OH)**  
Topcu Y., Andac O., YILMAZ V. T., Harrison W.  
JOURNAL OF COORDINATION CHEMISTRY, cilt.55, sa.7, ss.805-815, 2002 (SCI-Expanded)
- CXCI. **trans-Diaquabis[2-(2-pyridyl)ethanol-kappa N-2,O]zinc(II) disaccharinate**  
Hamamci S., YILMAZ V. T., Thone C.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, cilt.58, 2002 (SCI-Expanded)
- CXCII. **N-(2-Hydroxyethyl)ethylene-diammonium hydrogenphosphate monohydrate**  
DEMİR S., YILMAZ V. T., Andac O., Harrison W.  
ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, cilt.58, 2002 (SCI-Expanded)
- CXCIII. **Different coordination modes of saccharin in the complexes of lead(II) with 2-pyridylmethanol and pyridine-2,6-dimethanol - Synthesis, spectral and structural characterization**  
YILMAZ V. T., Guney S., Thone C.  
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.628, sa.6, ss.1406-1410, 2002 (SCI-Expanded)
- CXCIV. **Synthesis, molecular and crystal structure of bis(triethanolamine)manganese(II) saccharinate: a seven-coordinate manganese complex with tri- and tetradentate triethanolamine ligands**  
Topcu Y., Andac O., YILMAZ V. T., Harrison W.  
JOURNAL OF MOLECULAR STRUCTURE, cilt.610, ss.99-103, 2002 (SCI-Expanded)
- CXCV. **Metal complexes of saccharin with the N-(2-hydroxyethyl)-ethylenediamine ligand: Synthesis, characterization and spectroscopic examination. Crystal structures of trans-bis(saccharinato)bis{N-(2-hydroxyethyl)-ethylenediamine} copper(II) and cadmium(II)**  
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