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## Education Information

Doctorate, University of Aberdeen, England 1989 - 1991

Postgraduate, Ondokuz Mayıs University, Institute Of Science, Department Of Chemistry, Turkey 1985 - 1987

Undergraduate, Karadeniz Technical University, Fen Fakültesi, Kimya, Turkey 1978 - 1982

## Dissertations

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

Postgraduate, Fosforik asit üretim artışı fosfojipsin tanımı ve değerlendirme imkanlarının araştırılması, Ondokuz Mayıs University, Institute Of Science, 1987

## Research Areas

Inorganic Chemistry, Bioinorganic Chemistry, Coordination Chemistry

## Academic Titles / Tasks

Professor, Karadeniz Technical University, Fen Fakültesi, Kimya, 2022 - Continues

Professor, Bursa Uludağ University, Fen-Edebiyat Fakültesi, Kimya, 2007 - 2022

Professor, Ondokuz Mayıs University, Faculty Of Arts And Sciences, Department Of Chemistry, 1999 - 2007

Associate Professor, Ondokuz Mayıs University, Faculty Of Arts And Sciences, Department Of Chemistry, 1993 - 1999

Assistant Professor, Ondokuz Mayıs University, Faculty Of Arts And Sciences, Department Of Chemistry, 1991 - 1993

## Academic and Administrative Experience

Dean, Bursa Uludağ University, Fen-Edebiyat Fakültesi, Kimya, 2015 - 2019

## Supervised Theses

- Yılmaz V. T., Piridin bazlı ligantların nikel(II), bakır(II) ve çinko(II) 5,5-dietilbarbitürat komplekslerinin sentezi, yapısal karakterizasyonu ve antikanser özellikleri, Doctorate, F.SUYUNOVA(Student), 2019
- Yılmaz V. T., Fenil/hekzil grupları içeren monofosfin ligantlı Palladyum(II) ve Platin(II) sakkarinat komplekslerinin sentezi, yapıları, dna/hsa bağlanma affiniteleri ve antikanser aktiviteleri, Postgraduate, Ö.RECEP(Student), 2019
- Yılmaz V. T., Tersiyer Fosfin Ligantları İçeren Gümüş(I) 5,5-Dietilbarbitürat Komplekslerinin Sentezi, Karakterizasyonu ve Biyolojik Aktiviteleri, Postgraduate, J.BATUR(Student), 2018
- Yılmaz V. T., Piridin bazlı ligantların palladyum (II) ve platin (II) 5,5 dietilbarbitürat komplekslerinin sentezi, yapısal karakterizasyonu, DNA/protein bağlanma ve biyolojik aktivite çalışmaları, Doctorate, C.İÇSEL(Student), 2016
- Yılmaz V. T., Bazı tek ve çift dişli tersiyer fosfin ligantları içeren yeni gümüş(I) sakkarinat komplekslerinin sentezi, karakterizasyonu, yapıları, DNA bağlanma ve biyolojik aktivite çalışmaları, Postgraduate, E.GÜLER(Student), 2014
- Yılmaz V. T., Bazı yeni iminooksim-palladyum(II) ve platin(II) komplekslerinin yapısal ve spektroskopik özelliklerinin deneysel ve kuramsal incelenmesi, Doctorate, Y.KAYA(Student), 2014
- Yılmaz V. T., 2-(hidroksimetil)piridin ve 2-(2-hidroksietil)piridin ligantları içeren palladyum(II) ve platin(II) komplekslerinin sentezi, kristal yapıları, spektroskopik, termik ve DNA bağlanma özellikleri, Postgraduate, C.İÇSEL(Student), 2013
- Yılmaz V. T., Piridin bazlı N-heterosiklik ligantlar içeren Palladyum(II) ve Platin(II) Sakkarinat komplekslerinin sentezi, karakterizasyonu ve özellikleri, Doctorate, E.GÜNEY(Student), 2011
- Yılmaz V. T., 2-Aminometilpiridin ve 2-Aminoetilpiridin İçeren Platin(II) ve Palladyum(II) Sakkarinat Komplekslerinin Sentezi, Kristal Yapıları, Spektroskopik, Termik ve Floresans Özellikleri, Postgraduate, A.ERTEM(Student), 2010
- Yılmaz V. T., Karışık ligantlı gümüş(I)-barbiturat komplekslerinin sentezi ve özellikleri, Postgraduate, E.SOYER(Student), 2010
- Yılmaz V. T., Karışık ligantlı gümüş(I)-sakkarin komplekslerinin sentezi, spektroskopik, termik ve yapısal özellikleri, Doctorate, S.ALIŞIR(Student), 2008
- Yılmaz V. T., Piperazin esaslı metal sakkarin komplekslerinin sentezi, spektroskopik, termik ve yapısal özellikleri, Doctorate, S.GÜNEY(Student), 2008
- Yılmaz V. T., Pirazin ve türevlerini içeren metal sakkarinat komplekslerinin sentezi ve özellikleri, Doctorate, E.SARI(Student), 2008
- Yılmaz V. T., N,N-dimetiletanolamin metal sakarin komplekslerinin sentezi, spektroskopik, termik ve yapısal özellikleri, Postgraduate, V.KARS(Student), 2006
- Yılmaz V. T., 2-Aminometilpiridin ve 2-Aminoetilpiridin Metal Sakkarin Komplekslerinin Sentezi, Spektroskopik, Termik ve Yapısal Özellikleri, Postgraduate, S.Çağlar(Student), 2005
- Yılmaz V. T., Bazı organik amonyum fosfatlar ve çinko-organik amonyum fosfatların sentezi ve özellikleri, Doctorate, S.DEMİR(Student), 2005
- Yılmaz V. T., 2-Piridinetanol ve 2-Piridinpropanol Metal Sakkarin Komplekslerinin Sentezi, Spektroskopik, Termik ve Yapısal Özellikleri, Postgraduate, S.Hamamcı(Student), 2004
- Yılmaz V. T., Etanolamin içeren bakır-okzalato ve bakır-malonato komplekslerinin sentezi, spektroskopik, termik ve yapısal özellikleri, Postgraduate, E.ŞENEL(Student), 2004
- Yılmaz V. T., Bazı Yeni Karboksihidroksamatların ve Metal Komplekslerinin Sentezi ve Özellikleri, Doctorate, F.YILMAZ(Student), 2003
- Yılmaz V. T., 2-Piridilmetanol ve 2,6-Dimetanolpiridin İçeren Karışık Ligantlı Metal Sakkarin Komplekslerinin Sentezi, Spektroskopik, Termik ve Yapısal Özellikleri, Postgraduate, S.Güney(Student), 2003
- Yılmaz V. T., Mono-, di-, ve trietanolamin içeren karışık ligantlı metal sakkarin komplekslerinin sentezi, spektroskopik, termik ve yapısal özellikleri, Doctorate, Y.TOPCU(Student), 2002
- Yılmaz V. T., Hoffman ve Werner-Tipi Di- ve Trietanolamin Komplekslerinin Sentezi, Yapı, Spektroskopik ve Termik Özelliklerinin İncelenmesi, Doctorate, A.KARADAĞ(Student), 2001
- Yılmaz V. T., 1,10-fenantrolin ve etilendiamin içeren karışık ligantlı bazı geçiş metal-süksinato komplekslerinin sentezi,

spektroskopik, termik ve yapısal özelliklerinin incelenmesi, Postgraduate, S.DEMİR(Student), 2001  
Yılmaz V. T., Asetilsalisil Hidroksamik Asidin Bazı Geçiş Metal Komplekslerinin Sentezi ve Özelliklerinin Belirlenmesi, Postgraduate, F.YILMAZ(Student), 1999  
Yılmaz V. T., Bazı geçiş metal-DMF, DMSO komplekslerinin sentezi, spektroskopik ve termik özellikleri, Postgraduate, Y.TOPCU(Student), 1998  
Yılmaz V. T., Bazı Koordinasyon Bileşiklerinin \*-siklodekstrin ile Verdiği Klatrat Bileşiklerin Sentezi, Spektroskopik ve Termik Özelliklerinin İncelenmesi, Postgraduate, A.KARADAĞ(Student), 1995  
Yılmaz V. T., Fosfojips içeren portland çimentosunun hidrasyonu üzerine bazı piriz hızlandırıcı kimyasal katkıların etkileri, Postgraduate, Ö.İŞILDAK(Student), 1993

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A highly cytotoxic Pd(II) saccharinate complex with tris(2-pyridylmethyl)amine acting through mitochondrial and ROS-induced DNA damage**  
İÇSEL YILMAZ C., Aydinlik S., AYGÜN M., YILMAZ V. T.  
Inorganica Chimica Acta, vol.580, 2025 (SCI-Expanded)
- II. **A novel cocrystal of 5-fluorouracil with 2,2'-dipyridylamine: Synthesis, structural characterization, thermal analysis and in silico anticancer evaluation as a thymidylate synthase inhibitor**  
YILDIRIM N., İÇSEL YILMAZ C., Ercan S., AYGÜN M., YILMAZ V. T.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1318, 2024 (SCI-Expanded)
- III. **Cationic first-row transition metal saccharinate complexes with tris(2-pyridylmethyl)amine: synthesis, structures and anticancer studies**  
İÇSEL YILMAZ C., Aydinlik S., AYGÜN M., YILMAZ V. T.  
DALTON TRANSACTIONS, vol.54, no.1, pp.247-258, 2024 (SCI-Expanded)
- IV. **Metal saccharinate complexes with N,N-bis(2-hydroxyethyl)ethylenediamine: Synthesis, structural, thermal decomposition and DFT studies**  
KARADAĞ A., Aydin M., Zülfikaroğlu A., YILMAZ V. T.  
Inorganica Chimica Acta, vol.567, 2024 (SCI-Expanded)
- V. **Pd(II) and Pt(II) saccharinate complexes with two phosphine derivatives: Synthesis, anticancer and antiangiogenic activities**  
İÇSEL YILMAZ C., YILMAZ V. T., AYGÜN M., Erkisa M., Ulukaya E., Akar R. O.  
Applied Organometallic Chemistry, vol.38, no.5, 2024 (SCI-Expanded)
- VI. **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), vol.52, no.21, pp.7048-7058, 2023 (SCI-Expanded)
- VII. **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.  
Journal of Coordination Chemistry, vol.76, no.3-4, pp.414-423, 2023 (SCI-Expanded)
- VIII. **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.  
DALTON TRANSACTIONS, vol.51, no.13, pp.5208-5217, 2022 (SCI-Expanded)
- IX. **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., Kiyani H. T., Gurel-Gurevin E., YILMAZ V. T., Ulukaya E., ARMUTAK E. İ.  
MICROVASCULAR RESEARCH, vol.138, 2021 (SCI-Expanded)
- X. **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.

CHEMISTRY & BIODIVERSITY, vol.18, no.9, 2021 (SCI-Expanded)

- XI. **Combination of Histone Deacetylase Inhibitor with Cu(II) 5,5-diethylbarbiturate Complex Induces Apoptosis in Breast Cancer Stem Cells: A Promising Novel Approach**  
Erkisa M., Aztopal N., ERTÜRK E., Ulukaya E., YILMAZ V. T., ARI F.  
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.21, no.14, pp.1850-1860, 2021 (SCI-Expanded)
- XII. **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**  
Icel C., YILMAZ V. T., Aydinlik S., AYGÜN M.  
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- XIII. **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.  
BIOCHIMIE, vol.175, pp.159-172, 2020 (SCI-Expanded)
- XIV. **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, vol.49, no.23, pp.7842-7851, 2020 (SCI-Expanded)
- XV. **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.  
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, vol.30, no.9, 2020 (SCI-Expanded)
- XVI. **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.  
JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY, vol.25, no.1, pp.75-87, 2020 (SCI-Expanded)
- XVII. **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.  
INORGANICA CHIMICA ACTA, vol.500, 2020 (SCI-Expanded)
- XVIII. **Structures and anticancer activity of chlorido platinum(II) saccharinate complexes with mono- and dialkylphenylphosphines**  
Icel C., YILMAZ V. T., Cevatemre B., AYGÜN M., Ulukaya E.  
JOURNAL OF INORGANIC BIOCHEMISTRY, vol.195, pp.39-50, 2019 (SCI-Expanded)
- XIX. **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.  
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.19, no.9, pp.1184-1195, 2019 (SCI-Expanded)
- XX. **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.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.158, pp.534-547, 2018 (SCI-Expanded)
- XXI. **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**  
Icel C., YILMAZ V. T., AYGÜN M., Cevatemre B., Alper P., Ulukaya E.  
DALTON TRANSACTIONS, vol.47, no.33, pp.11397-11410, 2018 (SCI-Expanded)
- XXII. **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., Icel C., Turgut O. R., AYGÜN M., Erkisa M., TÜRKDEMİR M. H., Ulukaya E.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.155, pp.609-622, 2018 (SCI-Expanded)

- XXIII. **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.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.139, pp.901-916, 2017 (SCI-Expanded)
- XXIV. **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.  
ANTI-CANCER DRUGS, vol.28, no.8, pp.898-910, 2017 (SCI-Expanded)
- XXV. **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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Kacar O., Cevatemre B., Hatipoglu I., ARDA E. Ş. N., Ulukaya E., YILMAZ V. T., Acilan C.  
BIOORGANIC & MEDICINAL CHEMISTRY, vol.25, no.6, pp.1770-1777, 2017 (SCI-Expanded)
- XXVIII. **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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- XXIX. **Anti-angiogenic effect of a Palladium(II)-Saccharinate Complex of Terpyridine in vitro and in vivo**  
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- XXX. **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.  
EUROPEAN JOURNAL OF CANCER, vol.61, 2016 (SCI-Expanded)
- XXXI. **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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- XXXII. **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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- XXXIII. **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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- XXXIV. **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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- XXXV. **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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- XXXVI. **Apoptosis-inducing Effect of a Palladium(II) Complex-[PdCl(terpy)](sac).2H<sub>2</sub>O] on Ehrlich Ascites Carcinoma (EAC) in Mice**  
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- XXXVII. **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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- XL. **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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- XLII. **Cytotoxic activity of novel palladium-based compounds on leukemia cell lines**  
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- XLIII. **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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- XLV. **Coordination complexes and polymers from the initial application of phenyl-2-pyridyl ketone azine in mercury chemistry**  
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(suc)center dot(H(2)suc)

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- CXIX. **A luminescent silver-saccharinato complex with S,S-diphenylsulfimide: Synthesis, spectroscopic, thermal, structural and DFT computational studies**  
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- CXX. **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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- CXXIII. **cis-bis(Saccharinato)cobalt(II) and -zinc(II) complexes with 2-dimethylaminoethanol: syntheses, crystal structures, spectroscopic and thermal studies**  
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- CXXX. **Synthesis, crystal and molecular structure of 3-phenyl-5-p-tolyl-4(3,4,5-trimetoxybenzilideneamino)-4H-1,2,4-triazole**  
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- CXXXII. **Synthesis and characterization of cadmium and mercury saccharinate complexes with 2-dimethylaminoethanol: cis-[Cd(sac)(2)(dmea)(2)] and [Hg(sac)(2)(dmea)(H<sub>2</sub>O)]**  
YILMAZ V. T., Kars V., Kazak C.

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- CXXXV. **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(2)O**  
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- CXXXVI. **Synthesis and structural characterization of a coordination polymer of silver(I) with saccharinate and nicotinamide**  
Hamamci S., YILMAZ V. T., Kazak C.  
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- CXXXVII. **A non-metallic ionic saccharinate. Synthesis, structure and DFT calculations of piperazinium disaccharinate**  
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- CXXXVIII. **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)**  
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- CXL. **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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- CXLI. **Ethene-trans-1,2-bis(4-pyridinium) Dihydrogenphosphite and Dihydrogenphosphate Compounds Exhibiting Cooperative and Directed Hydrogen Bonds between Cations and Anions: H<sub>2</sub>bpe(H<sub>2</sub>PO<sub>3</sub>)<sub>2</sub> and H<sub>2</sub>bpe(H<sub>2</sub>PO<sub>4</sub>)<sub>2</sub> · H<sub>2</sub>O**  
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- CXLIII. **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, vol.7, no.10, pp.1247-1255, 2005 (SCI-Expanded)
- CXLIV. **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)]**  
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- CXLV. **A second polymorph of 2-aminopyridinium dihydrogenphosphate**  
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- CXLVI. **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.  
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- CXLVII. **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**  
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- CXLVIII. **1,3-Dibenzoylimidazolidine-2-thione and 1,3-dibenzoyl-3,4,5,6-tetrahydropyrimidine-2(1H)-thione**  
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- CXLIX. **A new one-dimensional coordination polymer of silver(I) with bridging 2-(2-aminoethyl)pyridine and nitrate ligands: [Ag-2(mu-NO3)(2)(mu-aepy)(2)](n)**  
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- CL. **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.  
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- CLI. **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)(H2O)] (ampy=2-aminomethylpyridine and aepy=2-aminoethylpyridine)**  
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- CLII. **trans-bis(saccharinato)zinc and -cadmium complexes with N-(2-aminoethyl)piperazine: Synthesis, crystal structures and IR spectra**  
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- CLIII. **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.  
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- CLIV. **Three 1,2,4-triazole derivatives containing substituted benzyl and benzylamino groups**  
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ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, vol.61, 2005 (SCI-Expanded)
- CLV. **The first tris(saccharinato) complexes. Syntheses, spectral, thermal and structural characterization of ApyH[Cu(N-sac)(2)(O-sac)(H2O)(2)] and ApyH[Zn(N-sac)(3)-(H2O)] (ApyH=2-aminopyridinium and sac = saccharinate)**

- Yilmaz V. T., YILMAZ F., Kazak C.  
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- CLVI. **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, vol.631, no.8, pp.1536-1540, 2005 (SCI-Expanded)
- CLVII. **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 [Ag2 (sac) 2 (mu-aepy) 2]**  
Hamamci S., Yilmaz V. T., Harrison W. T.  
ZEITSCHRIFT FÜR NATURFORSCHUNG - SECTION B JOURNAL OF CHEMICAL SCIENCES, vol.60, pp.978-983, 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, vol.734, no.1-3, pp.191-195, 2005 (SCI-Expanded)
- CLIX. **Silver(I) saccharinato complexes with ethylenediamine and N,N-dimethylethylenediamine - [Ag-2(sac)(2)(en)(H2O)](n) and [Ag-2(sac)(2)(dmen)(2)]**  
YILMAZ V. T., Hamamci S., Kazak C.  
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, vol.631, no.10, pp.1961-1965, 2005 (SCI-Expanded)
- CLX. **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, vol.61, 2005 (SCI-Expanded)
- CLXI. **[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.  
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- CLXII. **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)](ClO4)}(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, vol.88, no.9, pp.2513-2522, 2005 (SCI-Expanded)
- CLXIII. **Crystal and molecular structure of 3-phenyl-4-(p-chlorobenzlyamino)-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, vol.39, no.9, pp.811-814, 2004 (SCI-Expanded)
- CLXIV. **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.  
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- CLXV. **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, vol.6, no.8, pp.859-866, 2004 (SCI-Expanded)
- CLXVI. **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, vol.60, 2004 (SCI-Expanded)
- CLXVII. **trans-bis(ethylenediamine)bis(p-nitrobenzoxasulfamato)copper(II)**  
Kazak C., YILMAZ V. T., Yazicilar T.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.60, 2004 (SCI-Expanded)
- CLXVIII. **Transition metal complexes of acetamidomalondihydroxamate: Synthesis, spectral, thermal and electrochemical studies**  
YILMAZ F., Yilmaz V. T., Topcu S.  
JOURNAL OF COORDINATION CHEMISTRY, vol.57, no.6, pp.525-534, 2004 (SCI-Expanded)
- CLXIX. **Synthesis, spectral, thermal and structural characterization of  $\{[\text{Cu}(\text{H}_2\text{O})(3)][\text{Cu}(\text{MAL})(2)] \cdot 2\text{H}_2\text{O}\}_n$  and  $[\text{Cu}(\text{MAL})(\text{TEA})] \cdot \text{H}_2\text{O}$  (MAL = malonate and TEA = triethanolamine)**  
YILMAZ V. T., Senel E., Thone C.  
TRANSITION METAL CHEMISTRY, vol.29, no.3, pp.336-342, 2004 (SCI-Expanded)
- CLXX. **trans-Tetraaquabis(p-nitrobenzoxasulfamato)cobalt(II)**  
Kazak C., Yazicilar T., YILMAZ V. T.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.60, 2004 (SCI-Expanded)
- CLXXI. **Cobalt(II) complexes of 2-methanol-, 2,6-dimethanol- and 2-ethanolpyridines: syntheses, spectroscopic, thermal and structural characterizations of  $[\text{Co}-2(\mu\text{-Cl})(2)(\text{mpy})(4)]\text{Cl}_2 \cdot 2\text{H}_2\text{O}$ ,  $[\text{Co}(\text{dmpy})(2)]\text{Cl}_2$  and  $[\text{Co}(\text{Cl})(4)](\text{Hpyet})(2)$  (mpy=2-methanolpyridine; dmpy=2,6-dimethanolpyridine and Hpyet=2-ethanolpyridinium)**  
YILMAZ V. T., Hamamci S., Thone C.  
POLYHEDRON, vol.23, no.5, pp.841-848, 2004 (SCI-Expanded)
- CLXXII. **Chlorobis[2-(2-pyridyl)ethanol]copper(II) chloride**  
Hamamci S., YILMAZ V. T., Thone C.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.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  $[\text{Pb}(\text{ampy})(\mu\text{-sac})(2)]_n$**   
YILMAZ V. T., ÇAĞLAR S., Harrison W.  
ZEITSCHRIFT FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, vol.630, no.6, pp.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, vol.60, 2004 (SCI-Expanded)
- CLXXV. **Synthesis, crystal structure, IR spectra and thermal analysis of  $\text{Na}[\text{Ag}(\text{sac})(2)]$  (sac = saccharinate)**  
YILMAZ V. T., Hamamci S., Thone C.  
ZEITSCHRIFT FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, vol.630, no.11, pp.1641-1644, 2004 (SCI-Expanded)
- CLXXVI. **cis-diapuabis[2-(hydroxymethyl)pyridine]-nickel(II) dichloride**  
Hamamci S., YILMAZ V. T., Thone C.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.60, 2004 (SCI-Expanded)
- CLXXVII. **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, vol.630, no.10, pp.1512-1516, 2004 (SCI-Expanded)
- CLXXVIII. **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, vol.630, no.7, pp.1126-1130, 2004 (SCI-Expanded)

- CLXXIX. **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, vol.56, no.16, pp.1417-1423, 2003 (SCI-Expanded)
- CLXXX. **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, vol.629, no.11, pp.2013-2017, 2003 (SCI-Expanded)
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