

Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, University of Aberdeen, İngiltere 1989 - 1991

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

Anabilim Dalı, Türkiye 1985 - 1987

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

Yaptığı Tezler

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 artığı 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

Yönetilen Tezler

- Yılmaz V. T., Piridin bazlı ligandların nikel(II), bakır(II) ve çinko(II) 5,5-dietilbarbitürat komplekslerinin sentezi, yapısal karakterizasyonu ve antikanser özellikleri, Doktora, F.SUYUNOVA(Öğrenci), 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, Yüksek Lisans, Ö.RECEP(Öğrenci), 2019
- Yılmaz V. T., Tersiyer Fosfin Ligantları İçeren Gümüş(I) 5,5-Dietilbarbitürat Komplekslerinin Sentezi, Karakterizasyonu ve Biyolojik Aktiviteleri, Yüksek Lisans, J.BATUR(Öğrenci), 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, Doktora, C.İÇSEL(Öğrenci), 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, Yüksek Lisans, E.GÜLER(Öğrenci), 2014
- Yılmaz V. T., Bazı yeni iminooksim-palladyum(II) ve platin(II) komplekslerinin yapısal ve spektroskopik özelliklerinin deneysel ve kuramsal incelenmesi, Doktora, Y.KAYA(Öğrenci), 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, Yüksek Lisans, C.İÇSEL(Öğrenci), 2013
- Yılmaz V. T., Piridin bazlı N-heterosiklik ligantlar içeren Palladyum(II) ve Platin(II) Sakkarinat komplekslerinin sentezi, karakterizasyonu ve özellikleri, Doktora, E.GÜNEY(Öğrenci), 2011
- Yılmaz V. T., 2-Aminometilpiridin ve 2-Aminoetilpiridin İçeren Platin(II) ve Palladyum(II) Sakkarinat Komplekslerinin Sentezi, Kristal Yapıları, Spektroskopik, Termik ve Fluoresans Özellikleri, Yüksek Lisans, A.ERTEM(Öğrenci), 2010
- Yılmaz V. T., Karışık liganthı gümüş(I)-barbiturat komplekslerinin sentezi ve özellikleri, Yüksek Lisans, E.SOYER(Öğrenci), 2010
- Yılmaz V. T., Karışık liganthı gümüş(I)-sakkarin komplekslerinin sentezi, spektroskopik, termik ve yapısal özellikleri, Doktora, S.ALİŞİR(Öğrenci), 2008
- Yılmaz V. T., Piperazin esası metal sakkarin komplekslerinin sentezi, spektroskopik, termik ve yapısal özellikleri, Doktora, S.GÜNEY(Öğrenci), 2008
- Yılmaz V. T., Pirazin ve türevlerini içeren metal sakkarinat komplekslerinin sentezi ve özellikleri, Doktora, E.SARI(Öğrenci), 2008
- Yılmaz V. T., N,N-dimetiletanolamin metal sakarin komplekslerinin sentezi, spektroskopik, termik ve yapısal özellikleri, Yüksek Lisans, V.KARS(Öğrenci), 2006
- Yılmaz V. T., 2-Aminometilpiridin ve 2-Aminoetilpiridin Metal Sakkarin Komplekslerinin Sentezi, Spektroskopik, Termik ve Yapısal Özellikleri, Yüksek Lisans, S.Çağlar(Öğrenci), 2005
- Yılmaz V. T., Bazı organik amonyum fosfatlar ve çinko-organik amonyum fosfatların sentezi ve özellikleri, Doktora, S.DEMİR(Öğrenci), 2005
- Yılmaz V. T., 2-Piridinetanol ve 2-Piridinpropanol Metal Sakkarin Komplekslerinin Sentezi, Spektroskopik, Termik ve Yapısal Özellikleri, Yüksek Lisans, S.Hamamcı(Öğrenci), 2004
- Yılmaz V. T., Etanolamin içeren bakır-okzalato ve bakır-malonato komplekslerinin sentezi, spektroskopik, termik ve yapısal özellikleri, Yüksek Lisans, E.ŞENEL(Öğrenci), 2004
- Yılmaz V. T., Bazı Yeni Karboksihidroksamatların ve Metal Komplekslerinin Sentezi ve Özellikleri, Doktora, F.YILMAZ(Öğrenci), 2003
- Yılmaz V. T., 2-Piridilmetanol ve 2,6-Dimetanolpiridin İçeren Karışık Ligantlı Metal Sakkarin Komplekslerinin Sentezi, Spektroskopik, Termik ve Yapısal Özellikleri, Yüksek Lisans, S.Güney(Öğrenci), 2003
- Yılmaz V. T., Mono-, di-, ve trietanolamin içeren karışık ligantlı metal sakkarin komplekslerinin sentezi, spektroskopik, termik ve yapısal özellikleri, Doktora, Y.TOPCU(Öğrenci), 2002
- Yılmaz V. T., Hoffman ve Werner-Tipi Di- ve Trietanolamin Komplekslerinin Sentezi, Yapı, Spektroskopik ve Termik Özelliklerinin İncelenmesi, Doktora, A.KARADAĞ(Öğrenci), 2001
- Yılmaz V. T., 1,10-fenantrolin ve etilendiamin içeren karışık liganthı bazı geçiş metal-süksinato komplekslerinin sentezi, spektroskopik, termik ve yapısal özelliklerinin incelenmesi, Yüksek Lisans, S.DEMİR(Öğrenci), 2001
- Yılmaz V. T., Asetilsalisol Hidroksamik Asidin Bazı Geçiş Metal Komplekslerinin Sentezi ve Özelliklerinin Belirlenmesi, Yüksek Lisans, F.YILMAZ(Öğrenci), 1999

Yılmaz V. T., Bazı geçiş metal-DMF, DMSO komplekslerinin sentezi, spektroskopik ve termik özellikleri, Yüksek Lisans, Y.TOPCU(Öğrenci), 1998

Yılmaz V. T., Bazı Koordinasyon Bileşiklerinin *-siklodekstrin ile Verdiği Klatrat Bileşiklerin Sentezi, Spektroskopik ve Termik Özelliklerinin İncelenmesi, Yüksek Lisans, A.KARADAĞ(Öğrenci), 1995

Yılmaz V. T., Fosfojips içeren portland çimentosunun hidrasyonu üzerine bazı piriz hızlandırıcı kimyasal katkıların etkileri, Yüksek Lisans, Ö.İŞILDAK(Öğrenci), 1993

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Metal saccharinate complexes with N,N-bis(2-hydroxyethyl)ethylenediamine: Synthesis, structural, thermal decomposition and DFT studies**
KARADAĞ A., Aydin M., Zülfikaroglu A., YILMAZ V. T.
Inorganica Chimica Acta, cilt.567, 2024 (SCI-Expanded)
- II. **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, cilt.38, sa.5, 2024 (SCI-Expanded)
- III. **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)
- IV. **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, cilt.76, sa.3-4, ss.414-423, 2023 (SCI-Expanded)
- V. **Novel 5-fluorouracil complexes of Zn(II) with pyridine-based ligands as potential anticancer agents**
Icsel C., Yılmaz V. T., Aygün M., Erkisa M., Ulukaya E.
DALTON TRANSACTIONS, cilt.51, sa.13, ss.5208-5217, 2022 (SCI-Expanded)
- VI. **Palladium (II) complex and thalidomide intercept angiogenic signaling via targeting FAK/Src and Erk/Akt/PLC gamma dependent autophagy pathways in human umbilical vein endothelial cells**
Aydinlik S., ÜVEZ A., Kiyan H. T., Gurel-Gurevin E., YILMAZ V. T., Ulukaya E., ARMUTAK E. İ.
MICROVASCULAR RESEARCH, cilt.138, 2021 (SCI-Expanded)
- VII. **Preparation and Characterization of Palladium Derivate-Loaded Micelle Formulation in Vitro as an Innovative Therapy Option against Non-Small Cell Lung Cancer Cells**
Erkisa M., ARI F., Buyukkoroglu G., Senel B., YILMAZ V. T., Ulukaya E.
CHEMISTRY & BIODIVERSITY, cilt.18, sa.9, 2021 (SCI-Expanded)
- VIII. **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, cilt.21, sa.14, ss.1850-1860, 2021 (SCI-Expanded)
- IX. **New manganese(II), iron(II), cobalt(II), nickel(II) and copper(II) saccharinate complexes of 2,6-bis(2-benzimidazolyl)pyridine as potential anticancer agents**
Icsel C., YILMAZ V. T., Aydinlik S., AYGÜN M.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, cilt.202, 2020 (SCI-Expanded)
- X. **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, cilt.175, ss.159-172, 2020 (SCI-Expanded)
- XI. **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**
Icsel C., YILMAZ V. T., Aydinlik S., AYGÜN M.
DALTON TRANSACTIONS, cilt.49, sa.23, ss.7842-7851, 2020 (SCI-Expanded)
- XII. Trans-Pd/Pt(II) saccharinate complexes with a phosphine ligand: Synthesis, cytotoxicity and structure-activity relationship**
Icsel C., YILMAZ V. T., AYGÜN M., Ulukaya E.
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, cilt.30, sa.9, 2020 (SCI-Expanded)
- XIII. Cytotoxic platinum(II) complexes derived from saccharinate and phosphine ligands: synthesis, structures, DNA cleavage, and oxidative stress-induced apoptosis**
Icsel C., YILMAZ V. T., Cevatemre B., AYGÜN M., Ulukaya E.
JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY, cilt.25, sa.1, ss.75-87, 2020 (SCI-Expanded)
- XIV. Synthesis, structures and catalytic activity of Pd(II) saccharinate complexes with monophosphines in direct arylation of five-membered heteroarenes with aryl bromides**
YILMAZ V. T., Icsel C., Turgut O. R., AYGÜN M., Evren E., ÖZDEMİR İ.
INORGANICA CHIMICA ACTA, cilt.500, 2020 (SCI-Expanded)
- XV. Structures and anticancer activity of chlorido platinum(II) saccharinate complexes with mono- and dialkylphenylphosphines**
Icsel C., YILMAZ V. T., Cevatemre B., AYGÜN M., Ulukaya E.
JOURNAL OF INORGANIC BIOCHEMISTRY, cilt.195, ss.39-50, 2019 (SCI-Expanded)
- XVI. 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, cilt.19, sa.9, ss.1184-1195, 2019 (SCI-Expanded)
- XVII. Pd(II) and Pt(II) saccharinate complexes of bis(diphenylphosphino) propane/butane: Synthesis, structure, antiproliferative activity and mechanism of action**
YILMAZ V. T., Icsel C., AYGÜN M., Erkisa M., Ulukaya E.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, cilt.158, ss.534-547, 2018 (SCI-Expanded)
- XVIII. Palladium(II) and platinum(II) saccharinate complexes with bis(diphenylphosphino)methane/ethane: synthesis, S-phase arrest and ROS-mediated apoptosis in human colon cancer cells**
Icsel C., YILMAZ V. T., AYGÜN M., Cevatemre B., Alper P., Ulukaya E.
DALTON TRANSACTIONS, cilt.47, sa.33, ss.11397-11410, 2018 (SCI-Expanded)
- XIX. 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., Icsel C., Turgut O. R., AYGÜN M., Erkisa M., TÜRKDEMİR M. H., Ulukaya E.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, cilt.155, ss.609-622, 2018 (SCI-Expanded)
- XX. Structures and biochemical evaluation of silver(I) 5,5-diethylbarbiturate complexes with bis(diphenylphosphino)alkanes as potential antimicrobial and anticancer agents**
YILMAZ V. T., Icsel C., Batur J., Aydinlik S., Sahinturk P., AYGÜN M.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, cilt.139, ss.901-916, 2017 (SCI-Expanded)
- XXI. 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, cilt.28, sa.8, ss.898-910, 2017 (SCI-Expanded)
- XXII. 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**
YILMAZ V. T., Icsel C., Suyunova F., AYGÜN M., Cevatemre B., Ulukaya E.
NEW JOURNAL OF CHEMISTRY, cilt.41, sa.16, ss.8092-8106, 2017 (SCI-Expanded)
- XXIII. 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., Icsel C., Batur J., Aydinlik S., CENGİZ M., Buyukgungor O.
DALTON TRANSACTIONS, cilt.46, sa.25, ss.8110-8124, 2017 (SCI-Expanded)
- XXIV. **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.
BIOORGANIC & MEDICINAL CHEMISTRY, cilt.25, sa.6, ss.1770-1777, 2017 (SCI-Expanded)
- XXV. **Cytotoxic and apoptotic effects of the combination of palladium (II) 5,5-diethylbarbiturate complex with bis(2-pyridylmethyl)amine and curcumin on non small lung cancer cell lines**
Tunc D., DERE E., Karakas D., Cevatemre B., YILMAZ V. T., Ulukaya E.
BIOORGANIC & MEDICINAL CHEMISTRY, cilt.25, sa.5, ss.1717-1723, 2017 (SCI-Expanded)
- XXVI. **Anti-angiogenic effect of a Palladium(II)-Saccharinate Complex of Terpyridine in vitro and in vivo**
ARMUTAK E. İ., Gurel-Gurevin E., Kiyan H. T., Aydinlik S., YILMAZ V. T., Dimas K., Ulukaya E.
MICROVASCULAR RESEARCH, cilt.109, ss.26-33, 2017 (SCI-Expanded)
- XXVII. **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., SÖNMEZ K., Celik F., KÜÇÜKHÜSEYİN Ö., et al.
IN VIVO, cilt.30, sa.4, ss.457-464, 2016 (SCI-Expanded)
- XXVIII. **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)**
Mirtamizdoust B., Bienko D. C., Hanifehpour Y., Tiekkink E. R. T., YILMAZ V. T., Talemi P., Joo S. W.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, cilt.26, sa.4, ss.819-828, 2016 (SCI-Expanded)
- XXIX. **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, cilt.61, 2016 (SCI-Expanded)
- XXX. **Ni(II)/Cu(II)/Zn(II) 5,5-diethylbarbiturate complexes with 1,10-phenanthroline and 2,2'-dipyridylamine: synthesis, structures, DNA/BSA binding, nuclease activity, molecular docking, cellular uptake, cytotoxicity and the mode of cell death**
YILMAZ V. T., Icsel C., Suyunova F., AYGÜN M., Aztopal N., Ulukaya E.
DALTON TRANSACTIONS, cilt.45, sa.25, ss.10466-10479, 2016 (SCI-Expanded)
- 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., Yaylim İ., İşbilen Boşak B., Şennazlı G., Yüzbaşıoğlu Öztürk G., Sönmez K., Çelik F., Küçük hüseyin Ö., et al.
IN VIVO, cilt.30, ss.457-464, 2016 (SCI-Expanded)
- XXXII. **Synthesis, characterization and structures of solvent-mediated Na(I)-Pd(II) heterometallic complexes containing [Pd(barb)(4)](2-) units (barb=5,5-diethylbarbiturate)**
Icsel C., YILMAZ V. T., Buyukgungor O.
JOURNAL OF COORDINATION CHEMISTRY, cilt.69, sa.15, ss.2272-2280, 2016 (SCI-Expanded)
- XXXIII. **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.
MOLECULES, cilt.21, sa.1, 2016 (SCI-Expanded)
- XXXIV. **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**
Icsel C., YILMAZ V. T., Kaya Y., Durmus S., SARIMAHMET M., Buyukgungor O., Ulukaya E.
JOURNAL OF INORGANIC BIOCHEMISTRY, cilt.152, ss.38-52, 2015 (SCI-Expanded)

- XXXV. **Addition of niclosamide to palladium(II) saccharinate complex of terpyridine results in enhanced cytotoxic activity inducing apoptosis on cancer stem cells of breast cancer**
Karakas D., Cevatemre B., Aztopal N., ARI F., YILMAZ V. T., Ulukaya E.
BIOORGANIC & MEDICINAL CHEMISTRY, cilt.23, sa.17, ss.5580-5586, 2015 (SCI-Expanded)
- XXXVI. **Structural, spectroscopic and quantum chemical studies of acetyl hydrazone oxime and its palladium(II) and platinum(II) complexes**
Kaya Y., Icsel C., YILMAZ V. T., Buyukgungor O.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1095, ss.51-60, 2015 (SCI-Expanded)
- XXXVII. **Anti-growth effect of a novel trans-dichloridobis[2-(2-hydroxyethyl)pyridine] platinum (II) complex via induction of apoptosis on breast cancer cell lines**
ORAL H. B., Cevatemre B., SARIMAHMET M., Icsel C., YILMAZ V. T., Ulukaya E.
BIOORGANIC & MEDICINAL CHEMISTRY, cilt.23, sa.15, ss.4303-4310, 2015 (SCI-Expanded)
- XXXVIII. **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., Sennazli G., KAPUCU A., Yigit F., YILMAZ V. T., Ulukaya E.
ANTICANCER RESEARCH, cilt.35, sa.3, ss.1491-1497, 2015 (SCI-Expanded)
- XXXIX. **Cytotoxic activity of novel palladium-based compounds on leukemia cell lines**
Antunovic M., Kriznik B., Ulukaya E., YILMAZ V. T., Mihalic K. C., Madunic J., Marijanovic I.
ANTI-CANCER DRUGS, cilt.26, sa.2, ss.180-186, 2015 (SCI-Expanded)
- XL. **Synthesis and crystal structures of new di- and polynucicar silver(I) saccharinatc complexes with tertiary monophosphanes**
Buyukgungor O., YILMAZ V. T.
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, cilt.71, 2015 (SCI-Expanded)
- XLI. **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.
POLYHEDRON, cilt.85, ss.467-475, 2015 (SCI-Expanded)
- XLII. **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**
Icsel C., YILMAZ V. T., Kaya Y., ŞAMLI H., Harrison W. T. A., Buyukgungor O.
DALTON TRANSACTIONS, cilt.44, sa.15, ss.6880-6895, 2015 (SCI-Expanded)
- XLIII. **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)
- XLIV. **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., Icsel C., YILMAZ V. T., Buyukgungor O.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.133, ss.93-101, 2014 (SCI-Expanded)
- XLV. **PALLADIUM (II)-SACCHARINATE COMPLEX OF TERPYRIDINE SEEKS 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.
RESPIROLOGY, cilt.19, ss.37, 2014 (SCI-Expanded)
- XLVI. **Biochemical and Proteomic Analysis of a Potential Anticancer Agent: Palladium(II) Saccharinate Complex of Terpyridine Acting through Double Strand Break Formation**
Adiguzel Z., BAYKAL A. T., Kacar O., YILMAZ V. T., Ulukaya E., Acilan C.
JOURNAL OF PROTEOME RESEARCH, cilt.13, sa.11, ss.5240-5249, 2014 (SCI-Expanded)

- XLVII. **Preparation of PbS and PbO nanopowders from new Pb(II)(saccharine) coordination polymers**
Aslani A., Musevi S. J., ŞAHİN E., YILMAZ V. T.
APPLIED SURFACE SCIENCE, cilt.318, ss.206-212, 2014 (SCI-Expanded)
- XLVIII. **Holodirected coordination sphere around lead(II) in three-dimensional polymeric structure; New precursor for preparation of lead oxide sulfate nano-structures**
Akhbari K., Beheshti S., Morsali A., YILMAZ V. T., Buyukgungor O.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1074, ss.279-283, 2014 (SCI-Expanded)
- XLIX. **Apoptosis-inducing effect of a palladium(II) saccharinate complex of terpyridine on human breast cancer cells in vitro and in vivo**
ARI F., Cevatemre B., ARMUTAK E. İ., Aztopal N., YILMAZ V. T., Ulukaya E.
BIOORGANIC & MEDICINAL CHEMISTRY, cilt.22, sa.17, ss.4948-4954, 2014 (SCI-Expanded)
- L. **Sonochemical syntheses of two nano-sized lead(II) metal-organic frameworks; application for catalysis and preparation of lead(II) oxide nanoparticles**
Hashemi L., Morsali A., YILMAZ V. T., Buyukgungor O., Khavasi H. R., Ashouri F., Bagherzadeh M.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1072, ss.260-266, 2014 (SCI-Expanded)
- LI. **Coordination versatility of 2,2'-(ethylenedioxy)bis(ethylamine) in new mono- and polynuclear metal(II) complexes of saccharinate: Synthesis, characterization and crystal structures**
KARADAĞ A., Gozuacik A. K., YILMAZ V. T., Yerli Y., ŞAHİN E.
POLYHEDRON, cilt.78, ss.24-30, 2014 (SCI-Expanded)
- LII. **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 H. B., YILMAZ V. T., Ulukaya E.
EUROPEAN JOURNAL OF CANCER, cilt.50, 2014 (SCI-Expanded)
- LIII. **Palladium(II) and platinum(II) complexes of a new imineoxime ligand - Structural, spectroscopic and DFT/time-dependent (TD) DFT studies**
Kaya Y., Icsel C., YILMAZ V. T., Buyukgungor O.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, cilt.752, ss.83-90, 2014 (SCI-Expanded)
- LIV. **Synthesis, crystal structures, in vitro DNA binding, antibacterial and cytotoxic activities of new di- and polynuclear silver(I) saccharinate complexes with tertiary monophosphanes**
YILMAZ V. T., Gocmen E., Icsel C., CENGİZ M., Susluer S. Y., Buyukgungor O.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY B-BIOLOGY, cilt.131, ss.31-42, 2014 (SCI-Expanded)
- LV. **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**
Kaya Y., YILMAZ V. T.
STRUCTURAL CHEMISTRY, cilt.25, sa.1, ss.231-238, 2014 (SCI-Expanded)
- LVI. **In vitro DNA binding studies of the sweetening agent saccharin and its copper(II) and zinc(II) complexes**
Icsel C., YILMAZ V. T.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY B-BIOLOGY, cilt.130, ss.115-121, 2014 (SCI-Expanded)
- LVII. **Evaluation of the molecular mechanisms of a palladium(II) saccharinate complex with terpyridine as an anticancer agent**
Kacar O., Adiguzel Z., YILMAZ V. T., Cetin Y., Cevatemre B., ARDA E. Ş. N., BAYKAL A. T., Ulukaya E., Acilan C.
ANTI-CANCER DRUGS, cilt.25, sa.1, ss.17-29, 2014 (SCI-Expanded)
- LVIII. **Di- and polynuclear silver(I) saccharinate complexes of tertiary diphosphane ligands: synthesis, structures, in vitro DNA binding, and antibacterial and anticancer properties**
YILMAZ V. T., Gocmen E., Icsel C., CENGİZ M., Susluer S. Y., Buyukgungor O.
JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY, cilt.19, sa.1, ss.29-44, 2014 (SCI-Expanded)
- LIX. **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**
ARI F., Aztopal N., Icsel C., YILMAZ V. T., Guney E., Buyukgungor O., Ulukaya E.

- BIOORGANIC & MEDICINAL CHEMISTRY, cilt.21, sa.21, ss.6427-6434, 2013 (SCI-Expanded)
- LX. **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.
BIOORGANIC & MEDICINAL CHEMISTRY, cilt.21, sa.15, ss.4698-4705, 2013 (SCI-Expanded)
- LXI. **Palladium(II) saccharinate complexes with bis(2-pyridylmethyl) amine induce cell death by apoptosis in human breast cancer cells in vitro**
ARI F., Ulukaya E., SARIMAHMUT M., YILMAZ V. T.
BIOORGANIC & MEDICINAL CHEMISTRY, cilt.21, sa.11, ss.3016-3021, 2013 (SCI-Expanded)
- LXII. **A palladium(II) complex containing both carbonyl and imine oxime ligands: Crystal structure, experimental and theoretical UV-vis, IR and NMR studies**
Kaya Y., Icsel C., YILMAZ V. T., Buyukgungor O.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.108, ss.133-140, 2013 (SCI-Expanded)
- LXIII. **Differential Cytotoxic Activity of a Novel Palladium-Based Compound on Prostate Cell Lines, Primary Prostate Epithelial Cells and Prostate Stem Cells**
Ulukaya E., Frame F. M., Cevatemre B., Pellacani D., Walker H., Mann V. M., Simms M. S., Stower M. J., YILMAZ V. T., Maitland N. J.
PLOS ONE, cilt.8, sa.5, 2013 (SCI-Expanded)
- LXIV. **DNA Binding and Cleavage Studies of Two Palladium(II) Saccharinate Complexes with Terpyridine**
Icsel C., YILMAZ V. T.
DNA AND CELL BIOLOGY, cilt.32, sa.4, ss.165-172, 2013 (SCI-Expanded)
- LXV. **Synthesis, crystal structures, DNA binding and cytotoxicity of two novel platinum(II) complexes containing 2-(hydroxymethyl)pyridine and pyridine-2-carboxylate ligands**
Icsel C., YILMAZ V. T., Gölcü A., Ulukaya E., Buyukgungor O.
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, cilt.23, sa.7, ss.2117-2122, 2013 (SCI-Expanded)
- LXVI. **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**
Icsel C., YILMAZ V. T., ARI F., Ulukaya E., Harrison W. T. A.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, cilt.60, ss.386-394, 2013 (SCI-Expanded)
- LXVII. **Syntheses, studies and crystal structures of coordination polymers and dinuclear complexes of mercury(II) halides and thiocyanate with a symmetrical Schiff base ligand**
Khandar A. A., YILMAZ V. T., Costantino F., Gumus S., Hosseini-Yazdi S. A., Mahmoudi G.
INORGANICA CHIMICA ACTA, cilt.394, ss.36-44, 2013 (SCI-Expanded)
- LXVIII. **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**
Gumus S., Sundius T., YILMAZ V. T.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.98, ss.384-395, 2012 (SCI-Expanded)
- LXIX. **Experimental and theoretical DFT studies of structure, spectroscopic and fluorescence properties of a new imine oxime derivative**
Kaya Y., YILMAZ V. T., Arslan T., Buyukgungor O.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1024, ss.65-72, 2012 (SCI-Expanded)
- LXX. **Anti-cancer activity of a novel palladium(II) complex on human breast cancer cells in vitro and in vivo**
Ulukaya E., ARI F., Dimas K., Ikitimur E. I., Guney E., YILMAZ V. T.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, cilt.46, sa.10, ss.4957-4963, 2011 (SCI-Expanded)
- LXXI. **Cell death-inducing effect of novel palladium(II) and platinum(II) complexes on non-small cell lung cancer cells in vitro**
Ulukaya E., ARI F., Dimas K., SARIMAHMUT M., Guney E., Sakellaridis N., YILMAZ V. T.

- JOURNAL OF CANCER RESEARCH AND CLINICAL ONCOLOGY, cilt.137, sa.10, ss.1425-1434, 2011 (SCI-Expanded)
- LXXII. **Synthesis, experimental and theoretical characterization of palladium(II) and platinum(II) saccharinate complexes with 2-(2-pyridyl)benzimidazole**
Guney E., Kaya Y., YILMAZ V. T., Gumus S.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.79, sa.5, ss.1171-1178, 2011 (SCI-Expanded)
- LXXIII. **Palladium(II) and platinum(II) saccharinate complexes containing pyridine and 3-acetylpyridine: Synthesis, crystal structures, fluorescence and thermal properties**
Guney E., YILMAZ V. T., Buyukgungor O.
POLYHEDRON, cilt.30, sa.12, ss.1968-1974, 2011 (SCI-Expanded)
- LXXIV. **Syntheses, Spectroscopic, Structural, Fluorescent and Thermal Properties of Bis(saccharinato)copper(II) Complexes with two Bis(pyridylamine) Ligands**
Guney E., YILMAZ V. T., Sengul A., Buyukgungor O.
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.637, sa.2, ss.246-250, 2011 (SCI-Expanded)
- LXXV. **Syntheses, crystal structures, fluorescent, and thermal properties of nickel(II) 5,5-diethylbarbiturate complexes with (2-aminomethyl), (2-aminoethyl), and (2-hydroxyethyl)pyridines**
YILMAZ V. T., YILMAZ F., Guney E., Buyukgungor O.
JOURNAL OF COORDINATION CHEMISTRY, cilt.64, sa.1, ss.159-169, 2011 (SCI-Expanded)
- LXXVI. **Synthesis, characterization, structures and cytotoxic activity of palladium(II) and platinum(II) complexes containing bis(2-pyridylmethyl)amine and saccharinate**
Guney E., YILMAZ V. T., ARI F., Buyukgungor O., Ulukaya E.
POLYHEDRON, cilt.30, sa.1, ss.114-122, 2011 (SCI-Expanded)
- LXXVII. **Syntheses, crystal structures, spectroscopic, fluorescence and thermal properties of silver(I) 5,5-diethylbarbiturate complexes with some aminopyridines**
YILMAZ F., YILMAZ V. T., Soyer E., Buyukgungor O.
INORGANICA CHIMICA ACTA, cilt.363, sa.13, ss.3165-3171, 2010 (SCI-Expanded)
- LXXVIII. **Neutral and cationic palladium(II) and platinum(II) complexes of 2,2'-dipyridylamine with saccharinate: Syntheses, spectroscopic, structural, fluorescent and thermal studies**
Guney E., YILMAZ V. T., Buyukgungor O.
INORGANICA CHIMICA ACTA, cilt.363, sa.11, ss.2416-2424, 2010 (SCI-Expanded)
- LXXIX. **Metal(II) Nicotinamide Complexes Containing Succinato, Succinate and Succinic Acid: Synthesis, Crystal Structures, Magnetic, Thermal, Antimicrobial and Fluorescent Properties**
DEMİR S., YILMAZ V. T., Sariboga B., Buyukgungor O., Mrozinski J.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, cilt.20, sa.2, ss.220-228, 2010 (SCI-Expanded)
- LXXX. **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**
Soyer E., YILMAZ F., YILMAZ V. T., Buyukgungor O., Harrison W. T. A.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, cilt.20, sa.2, ss.320-325, 2010 (SCI-Expanded)
- LXXXI. **Synthesis, Crystal Structure, Magnetic, Thermal and Fluorescent Properties of $[Co(H_2O)(4)(nia)(2)](suc)_2$**
DEMİR S., YILMAZ V. T., Mrozinski J., Lis T., Holynska M.
ZEITSCHRIFT FUR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, cilt.65, sa.6, ss.695-700, 2010 (SCI-Expanded)
- LXXXII. **A three-dimensional silver(I) coordination polymer involving a new bridging mode of saccharinate**
Guney E., YILMAZ V. T., Buyukgungor O.
INORGANIC CHEMISTRY COMMUNICATIONS, cilt.13, sa.4, ss.563-567, 2010 (SCI-Expanded)
- LXXXIII. **Synthesis of PbO nano-particles from a new one-dimensional lead(II) coordination polymer precursor**

- Sadeghzadeh H., Morsali A., YILMAZ V. T., Buyukgungor O.
MATERIALS LETTERS, cilt.64, sa.7, ss.810-813, 2010 (SCI-Expanded)
- LXXXIV. **Dimeric and polymeric silver(I) saccharinato complexes of two bis(pyridine) ligands: Synthesis, structural, spectroscopic, fluorescent and thermal properties**
Guney E., YILMAZ V. T., Buyukgungor O.
POLYHEDRON, cilt.29, sa.5, ss.1437-1442, 2010 (SCI-Expanded)
- LXXXV. **Bis(saccharinato)palladium(II) and platinum(II) complexes with 2,2 '-bipyridine: Syntheses, structures, spectroscopic, fluorescent and thermal properties**
Guney E., YILMAZ V. T., Kazak C.
POLYHEDRON, cilt.29, sa.4, ss.1285-1290, 2010 (SCI-Expanded)
- LXXXVI. **Sonochemical syntheses of strawberry-like nano-structure mixed-ligand lead(II) coordination polymer: Thermal, structural and X-ray powder diffraction studies**
Sadeghzadeh H., Morsali A., YILMAZ V. T., Buyukgungor O.
INORGANICA CHIMICA ACTA, cilt.363, sa.5, ss.841-845, 2010 (SCI-Expanded)
- LXXXVII. **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**
Sadeghzadeh H., Morsali A., YILMAZ V. T., Buyukgungor O.
ULTRASONICS SONOCHEMISTRY, cilt.17, sa.3, ss.592-597, 2010 (SCI-Expanded)
- LXXXVIII. **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**
YILMAZ V. T., Soyer E., Buyukgungor O.
POLYHEDRON, cilt.29, sa.2, ss.920-924, 2010 (SCI-Expanded)
- LXXXIX. **Platinum(II) and palladium(II) saccharinato complexes with 2,2 ':6 ',2 ''-terpyridine: Synthesis, characterization, crystal structures, photoluminescence and thermal studies**
Guney E., YILMAZ V. T., Sengul A., Buyukgungor O.
INORGANICA CHIMICA ACTA, cilt.363, sa.2, ss.438-448, 2010 (SCI-Expanded)
- XC. **Palladium(II) and Platinum(II) Saccharinate Complexes with 2-Aminomethylpyridine and 2-Aminoethylpyridine: Synthesis, Characterization, Crystal Structures, and Thermal Properties**
YILMAZ V. T., Ertem A., Guney E., Buyukgungor O.
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.636, sa.3-4, ss.610-615, 2010 (SCI-Expanded)
- XCI. **Sonochemical syntheses and characterization of a new nano-sized 2-D lead(II) coordination polymer as precursor for preparation of PbBr(OH) nano-structure**
Sadeghzadeh H., Morsali A., YILMAZ V. T., Buyukgungor O.
JOURNAL OF COORDINATION CHEMISTRY, cilt.63, sa.19, ss.3423-3430, 2010 (SCI-Expanded)
- XCII. **One-Dimensional Cobalt(II) and Zinc(II) Succinato Coordination Polymers with Nicotinamide: Synthesis, Structural, Spectroscopic, Fluorescent and Thermal Properties**
DEMİR S., YILMAZ V. T., YILMAZ F., Buyukgungor O.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, cilt.19, sa.3, ss.342-347, 2009 (SCI-Expanded)
- XCIII. **Two-dimensional supramolecular networks generated from weak Ag center dot center dot center dot C-py interactions: Synthesis, structural, thermal and fluorescence studies of silver(I) complexes of 5,5-diethylbarbiturato with pyridine-2-ylmethanol and 2,6-dimethoxypyridine**
YILMAZ V. T., Soyer E., Buyukgungor O.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, cilt.694, sa.20, ss.3306-3311, 2009 (SCI-Expanded)
- XCIV. **Different coordination modes of 5,5-diethylbarbiturate in the copper(II) complexes with some aliphatic amines: Synthesis, spectroscopic, thermal and structural studies**
YILMAZ V. T., AKSOY M. S., Sahin O.
INORGANICA CHIMICA ACTA, cilt.362, sa.10, ss.3703-3708, 2009 (SCI-Expanded)
- XCV. **Hydrothermal and sonochemical synthesis of a nano-sized 2D lead(II) coordination polymer: A**

- precursor for nano-structured PbO and PbBr₂**
Aslani A., Morsali A., YILMAZ V. T., Kazak C.
JOURNAL OF MOLECULAR STRUCTURE, cilt.929, sa.1-3, ss.187-192, 2009 (SCI-Expanded)
- XCVI. 2D Holodirected lead(II) bromide coordination polymers constructed of rigid and flexible ligands**
Aslani A., Morsali A., YILMAZ V. T., Buyukgungor O.
INORGANICA CHIMICA ACTA, cilt.362, sa.5, ss.1506-1510, 2009 (SCI-Expanded)
- XCVII. 5,5-Diethylbarbiturato complexes of copper(II) with (2-aminoethyl)piperidine, -pyrrolidine, and -morpholine: syntheses, crystal structures, spectroscopic, and thermal properties**
AKSOY M. S., YILMAZ V. T., Buyukgungor O.
JOURNAL OF COORDINATION CHEMISTRY, cilt.62, sa.20, ss.3250-3258, 2009 (SCI-Expanded)
- XCVIII. A novel two-dimensional silver(I) saccharinato coordination polymer constructed from weak Ag center dot center dot center dot C interactions: Synthesis, IR spectra and X-ray structure**
YILMAZ V. T., Hamamci S., Kazak C.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, cilt.693, sa.26, ss.3885-3888, 2008 (SCI-Expanded)
- XCIX. Two fluorescent silver(I)-saccharinato complexes of 2-methylpyrazine and pyrazine-2-carboxamide with Ag...Ag interactions**
YILMAZ V. T., Senel E., Guney E., Kazak C.
INORGANIC CHEMISTRY COMMUNICATIONS, cilt.11, sa.11, ss.1330-1333, 2008 (SCI-Expanded)
- C. Concomitant crystallization of Copper(II) sachharinato complexes with 2-methylpyrazine as a monomer and an one-dimensional polymer: Syntheses, crystal structures, spectroscopic and thermal properties**
YILMAZ V. T., Senel E., Kazak C.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, cilt.18, sa.3, ss.407-413, 2008 (SCI-Expanded)
- CI. One-dimensional silver coordination polymers generated from saccharinate, piperazine and N,N'-bis(2-hydroxyethyl)piperazine**
YILMAZ V. T., Hamamci S., Buyukgungor O.
POLYHEDRON, cilt.27, sa.6, ss.1761-1766, 2008 (SCI-Expanded)
- CII. 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)
- CIII. 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**
Hamamci S., YILMAZ V. T., Bueyuekguengoer O.
ZEITSCHRIFT FUR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, cilt.63, sa.2, ss.139-142, 2008 (SCI-Expanded)
- CIV. 5,5-diethylbarbiturate complexes of silver with 2,2'-bipyridine and 3-(2-pyridyl)propanol: Syntheses, crystal structures, spectroscopic, thermal and antimicrobial activity studies**
YILMAZ F., YILMAZ V. T., Karakaya H., Bueyuekguengoer O.
ZEITSCHRIFT FUR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, cilt.63, sa.2, ss.134-138, 2008 (SCI-Expanded)
- CV. 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)
- CVI. trans-Bis[2-(piperazin-1-yl)ethanamine]bis(saccharinato)cobalt(II)**
YILMAZ V. T., Guney S., Kazak C.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, cilt.64, 2008 (SCI-Expanded)
- CVII. Synthesis and characterization of one-dimensional coordination polymers, [M(sac)(2)(mu-pyz)(H₂O)₂]_n [M=Zn(II), Cd(II), pyz =pyrazine, and sac = saccharinate]**

- YILMAZ V. T., Senel E., Kazak C.
JOURNAL OF COORDINATION CHEMISTRY, cilt.61, sa.16, ss.2675-2682, 2008 (SCI-Expanded)
- CVIII. **A one-dimensional pyrazine bridged Copper(II)-Saccharinato coordination polymer**
Senel E., YILMAZ V. T., Kazak C.
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.634, sa.3, ss.419-421, 2008 (SCI-Expanded)
- CIX. **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**
YILMAZ V. T., Senel E., Kazak C.
AUSTRALIAN JOURNAL OF CHEMISTRY, cilt.61, sa.8, ss.634-639, 2008 (SCI-Expanded)
- CX. **Bis[2-(ethylamino)ethanol-kappa N-2,O]bis(saccharinato-kappa N) cadmium(II)**
YILMAZ V. T., Kazak C.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, cilt.63, 2007 (SCI-Expanded)
- CXI. **(2,2'-bipyridine)saccharinatosilver(I)**
YILMAZ V. T., Hamamci S., Harrison W. T. A.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, cilt.63, 2007 (SCI-Expanded)
- CXII. **(3-aminopyridine-kappa N-1)(saccharinato-kappa N)silver(I)**
YILMAZ V. T., Hamamci S., Kazak C.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, cilt.63, 2007 (SCI-Expanded)
- CXIII. **One-dimensional pyrazine bridged M(II)-saccharinato coordination polymers: Synthesis, characterization, crystal structures and thermal studies**
YILMAZ V. T., Senel E., Kazak C.
POLYHEDRON, cilt.26, sa.13, ss.3199-3204, 2007 (SCI-Expanded)
- CXIV. **Synthesis, structural, spectroscopic, thermal and voltammetric properties of 5,5-diethylbarbiturato complexes of zinc with 2-(2-aminoethyl)pyridine and 2-(2-hydroxyethyl)pyridine**
Yilmaz F., Yilmaz V. T., Bicer E., Buyukgungor O.
JOURNAL OF COORDINATION CHEMISTRY, cilt.60, sa.7-9, ss.777-784, 2007 (SCI-Expanded)
- CXV. **New three-dimensional (3,4)-net zincophosphites templated by linear diammonium cations: H₃N(CH₂)₅NH₃ center dot Zn-3(HPO₃)₄ and beta-H₃N(CH₂)₆NH₃ center dot Zn-3(HPO₃)₄**
Holtby A. S., Harrison W. T. A., YILMAZ V. T., Buyukgungor O.
SOLID STATE SCIENCES, cilt.9, sa.2, ss.149-154, 2007 (SCI-Expanded)
- CXVI. **A luminescent silver-saccharinato complex with S,S-diphenylsulfimide: Synthesis, spectroscopic, thermal, structural and DFT computational studies**
Gumus S., Hamamci S., YILMAZ V. T., Kazak C.
JOURNAL OF MOLECULAR STRUCTURE, cilt.828, sa.1-3, ss.181-187, 2007 (SCI-Expanded)
- CXVII. **A tetrานuclear mu(3)-alkoxo-bridged cubane-like copper(II) complex containing 2-(ethylamino)ethanol and acetate: Synthesis and structural characterization**
YILMAZ V. T., Kars V., Kazak C.
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.633, sa.2, ss.351-353, 2007 (SCI-Expanded)
- CXVIII. **Crystal structure of N,N-disalicylidene-(R,S)(S,R)-1,2-ethanediamine**
Ramazania A., Dolatyari L., Morsali A., YILMAZ V. T., Bueyuekguengoer O.
JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, cilt.3, sa.4, ss.367-370, 2006 (SCI-Expanded)
- CXIX. **cis-bis(Saccharinato)cobalt(II) and -zinc(II) complexes with 2-dimethylaminoethanol: syntheses, crystal structures, spectroscopic and thermal studies**
YILMAZ V. T., Kars V., Kazak C.
JOURNAL OF COORDINATION CHEMISTRY, cilt.59, sa.17, ss.1937-1944, 2006 (SCI-Expanded)
- CXX. **Silver(I)-barbital based frameworks: Syntheses, crystal structures, spectroscopic, thermal and antimicrobial activity studies**
Yilmaz V. T., Yilmaz F., Karakaya H., Bueyuekguengoer O., Harrison W. T. A.
POLYHEDRON, cilt.25, sa.15, ss.2829-2840, 2006 (SCI-Expanded)
- CXXI. **Ethene-trans-1,2-bis(4-pyridinium) dihydrogenphosphite and dihydrogenphosphate compounds**

- exhibiting cooperative and directed hydrogen bonds between cations and anions: H(2)bpe(H₂P03)(2) and H(2)bpe(H₂P04)(2)center dot H₂O**
YILMAZ V. T., DEMİR S., Harrison W. T. A.
ZEITSCHRIFT FUR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, cilt.61, sa.9, ss.1067-1071, 2006 (SCI-Expanded)
- CXXII. Syntheses and characterization of Zn-II and Cd-II coordination polymers, [Zn(mu-bpe)(NO₂)(2)](n) and [Cd-2([mu-bpp](3)(NO₂)(4)](n)**
Amiri M. G., Ranjbar Z. R., Morsali A., YILMAZ V. T., Buyukgungor O.
SOLID STATE SCIENCES, cilt.8, sa.9, ss.1115-1120, 2006 (SCI-Expanded)
- CXXIII. Metal complexes of saccharin**
Baran E. J., YILMAZ V. T.
COORDINATION CHEMISTRY REVIEWS, cilt.250, sa.15-16, ss.1980-1999, 2006 (SCI-Expanded)
- CXXIV. Syntheses, IR spectra, thermal analyses, crystal structures, luminescence properties and DFT calculations of two silver-saccharinato complexes with 2-(dimethylaminomethyl)-3-hydroxypyridine and N-(2-aminoethyl)pyrrolidine**
YILMAZ V. T., Hamamci S., Gumus S., Buyukgungor O.
JOURNAL OF MOLECULAR STRUCTURE, cilt.794, sa.1-3, ss.142-147, 2006 (SCI-Expanded)
- CXXV. Synthesis, crystal structure and properties of trans-[Cu(sac)(2)(en)(2)] (sac = saccharinato and en = ethylenediamine)**
Guney S., YILMAZ V. T., Harrison W. T. A.
JOURNAL OF COORDINATION CHEMISTRY, cilt.59, sa.10, ss.1123-1130, 2006 (SCI-Expanded)
- CXXVI. Photoluminescence of two silver(I)-saccharinate complexes with pyrazine and pyridazine: Experiment and DFT calculations**
YILMAZ V. T., Hamamci S., Gumus S.
CHEMICAL PHYSICS LETTERS, cilt.425, sa.4-6, ss.361-366, 2006 (SCI-Expanded)
- CXXVII. Synthesis, crystal and molecular structure of 3-phenyl-5-p-tolyl-4(3,4,5-trimetoxybenzilideneamino)-4H-1,2,4-triazole**
Kazak C., Yilmaz V. T., Agar E., Bekircan O.
CRYSTAL RESEARCH AND TECHNOLOGY, cilt.41, sa.6, ss.607-610, 2006 (SCI-Expanded)
- CXXVIII. Synthesis, crystal and molecular structures of 1-n-butyl-2-(3'-chlorophenyl)-1H-benzimidazole-5-carbonitrile hemihydrate and 1-n-butyl-2-(3',4'-dimethoxyphenyl)-1H-benzimidazole-5-carbonitrile**
Kazak C., YILMAZ V. T., GÖKER A. H., Kus C.
CRYSTAL RESEARCH AND TECHNOLOGY, cilt.41, sa.5, ss.528-532, 2006 (SCI-Expanded)
- CXXIX. Synthesis and characterization of cadmium and mercury saccharinate complexes with 2-dimethylaminoethanol: cis-[Cd(sac)(2)(dmea)(2)] and [Hg(sac)(2)(dmea)(H₂O)]**
YILMAZ V. T., Kars V., Kazak C.
ZEITSCHRIFT FUR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, cilt.61, sa.5, ss.555-559, 2006 (SCI-Expanded)
- CXXX. (3-Hydroxy-2-pyridylmethyl)dimethylammonium dihydrogen phosphate**
DEMİR S., YILMAZ V. T., Harrison W.
ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, cilt.62, 2006 (SCI-Expanded)
- CXXXI. Zinc barbiturate complexes with bidentate N-donor ligands: Syntheses, crystal structures, spectroscopic, thermal and voltammetric studies**
Yilmaz F., Yilmaz V. T., Bicer E., Buyukgungor O.
ZEITSCHRIFT FUR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, cilt.61, sa.3, ss.275-280, 2006 (SCI-Expanded)
- CXXXII. Synthesis and characterization of silver(I) saccharinate complexes with pyrazole and imidazole ligands: [Ag(sac)(pz)(H₂O)](n) and [Ag(sac)(im)] center dot 2H(2)O**
YILMAZ V. T., Hamamci S., Buyukgungor O.
ZEITSCHRIFT FUR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, cilt.61, sa.2, ss.189-193, 2006 (SCI-Expanded)

- CXXXIII. **Synthesis and structural characterization of a coordination polymer of silver(I) with saccharinate and nicotinamide**
Hamamci S., YILMAZ V. T., Kazak C.
STRUCTURAL CHEMISTRY, cilt.17, sa.1, ss.57-61, 2006 (SCI-Expanded)
- CXXXIV. **Ethene-trans-1,2-bis(4-pyridinium) Dihydrogenphosphite and Dihydrogenphosphate Compounds Exhibiting Cooperative and Directed Hydrogen Bonds between Cations and Anions: H₂bpe(H₂PO₃)₂ and H₂bpe(H₂PO₄)₂ · H₂O**
Yilmaz V. T., Demir S., Harrison W.
ZEITSCHRIFT FÜR NATURFORSCHUNG - SECTION B JOURNAL OF CHEMICAL SCIENCES, cilt.61, sa.9, ss.1067-1071, 2006 (SCI-Expanded)
- CXXXV. **Monoclinic and triclinic concomitant polymorphs of di-mu-pyridazine-1 kappa N-2 : 2 kappa N-2'-bis[(saccharinato)silver(I)]**
Hamamci S., YILMAZ V. T., Buyukgungor O.
ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, cilt.62, 2006 (SCI-Expanded)
- CXXXVI. **An aqua-bridged helical-chain copper(II)-saccharinato polymer linked into a two-dimensional supramolecular framework**
YILMAZ V. T., Kars V., Kazak C.
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.632, sa.3, ss.505-508, 2006 (SCI-Expanded)
- CXXXVII. **A novel 1D coordination polymer [Pb(phen)(mu-N-3)(mu-NO₃)](n) with the first Pb-2-(mu-N-3)(2) unit (phen=1,10-phenanthroline)**
Marandi F., Mirtamizdoust B., Soudi A. A., YILMAZ V. T., Kazak C.
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.632, sa.15, ss.2380-2382, 2006 (SCI-Expanded)
- CXXXVIII. **A non-metallic ionic saccharinate. Synthesis, structure and DFT calculations of piperazinium disaccharinate**
Gumus S., Guney S., YILMAZ V. T., Kazak C.
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.632, sa.8-9, ss.1544-1548, 2006 (SCI-Expanded)
- CXXXIX. **Synthesis, crystal structure, spectroscopic and thermal properties of trans-[Ni(sac)(2)(aeppz)(2)] [sac =accharinate and aeppz N-(2-aminoethyl)piperazine]**
Guney S., YILMAZ V. T., Harrison W.
JOURNAL OF COORDINATION CHEMISTRY, cilt.58, sa.18, ss.1667-1674, 2005 (SCI-Expanded)
- CXL. **Unusual template center dot center dot center dot template interactions in organically templated zincophosphate networks: {apyH[Zn(HPO₄)(H₂PO₄)]center dot H₂O }(n) and [meenH(2) [Zn-5 (PO₄)(4)]}(n) (apyH=2-aminopyridinium and meenH(2) = monoethanol-ethylenediammonium)**
YILMAZ V. T., DEMİR S., Kazak C., Harrison W.
SOLID STATE SCIENCES, cilt.7, sa.10, ss.1247-1255, 2005 (SCI-Expanded)
- CXLI. **A second polymorph of 2-aminopyridinium dihydrogenphosphate**
DEMİR S., YILMAZ V. T., Harrison W.
ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, cilt.61, 2005 (SCI-Expanded)
- CXLII. **Silver(I)-saccharinato complexes with 2-(aminomethyl)pyridine and 2-(2-aminoethyl)pyridine ligands: [Ag(sac)(ampy)] and [Ag-2(sac)(2)(mu-aepy)(2)]**
Hamamci S., YILMAZ V. T., Harrison W.
ZEITSCHRIFT FUR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, cilt.60, sa.9, ss.978-983, 2005 (SCI-Expanded)
- CXLIII. **A chiral coordination polymer of silver(I) with saccharinate and pyridine: Synthesis, spectral, thermal, and structural characterization of [Ag(sac)(py)](n)**
Hamamci S., YILMAZ V. T., Harrison W.
STRUCTURAL CHEMISTRY, cilt.16, sa.4, ss.379-383, 2005 (SCI-Expanded)
- CXLIV. **C-H center dot center dot center dot O, C-H center dot center dot center dot pi and pi-pi interactions in three benzofuran-2-yl ketone derivatives**

- YILMAZ V. T., Kazak C., Kirilmis C., Koca M., Heinemann F.
 ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, cilt.61, 2005 (SCI-Expanded)
- CXLV. **A new one-dimensional coordination polymer of silver(I) with bridging 2-(2-aminoethyl)pyridine and nitrate ligands: $[\text{Ag}-2(\mu-\text{NO}_3)(2)(\mu\text{-aepy})(2)](n)$**
 Senel E., YILMAZ V. T., Harrison W.
 ZEITSCHRIFT FUR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, cilt.60, sa.6, ss.659-662, 2005 (SCI-Expanded)
- CXLVI. **1,3-Dibenzoylimidazolidine-2-thione and 1,3-dibenzoyl-3,4,5,6-tetrahydropyrimidine-2(1H)-thione**
 Kazak C., YILMAZ V. T., Servi S., Koca M., Heinemann F.
 ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, cilt.61, 2005 (SCI-Expanded)
- CXLVII. **trans-bis(saccharinato)zinc and -cadmium complexes with N-(2-aminoethyl)piperazine: Synthesis, crystal structures and IR spectra**
 YILMAZ V. T., Guney S., Harrison W.
 ZEITSCHRIFT FUR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, cilt.60, sa.4, ss.403-407, 2005 (SCI-Expanded)
- CXLVIII. **Bis(saccharinato)copper(II) complexes with 2-aminomethylpyridine and 2-aminoethylpyridine: Syntheses, crystal structures, spectral and thermal characterizations of trans-[Cu(sac)(2)(ampy)(2)] and [Cu(sac)(2)(aepy)(H₂O)] (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)
- CXLI. **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)
- CL. **Di- and tetrานuclear 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)
- CLI. **Three 1,2,4-triazole derivatives containing substituted benzyl and benzylamino groups**
 Yilmaz V. T., Kazak C., Ağar E., Kahveci B., Güven K. Y.
 ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, cilt.61, 2005 (SCI-Expanded)
- CLII. **The first tris(saccharinato) complexes. Syntheses, spectral, thermal and structural characterization of ApyH[Cu(N-sac)(2)(O-sac)(H₂O)(2)] and ApyH[Zn(N-sac)(3)-(H₂O)] (ApyH=2-aminopyridinium and sac = saccharinate)**
 Yilmaz V. T., YILMAZ F., Kazak C.
 TRANSITION METAL CHEMISTRY, cilt.30, sa.1, ss.95-102, 2005 (SCI-Expanded)
- CLIII. **Bis-(5,5'-diethylbarbiturato)copper(II) and cadmium(II) Complexes with Ethylenediamine**
 Kazak C., Yilmaz F., YILMAZ V. T.
 ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, cilt.61, 2005 (SCI-Expanded)
- CLIV. **Two-dimensional holo- and hemidirected lead(II) coordination polymers: Synthetic, spectroscopic, thermal, and structural studies of $[\text{Pb}(\mu\text{-SCN})(2)(\mu\text{-ebp})(1.5)](n)$ and $\{[\text{Pb}(\mu\text{-OAc})(\mu\text{-ebp})(\text{ClO}_4)]\}(n)$ (ebp=4,4'-(1E)-ethane-1,2-diyl]bis[pyridine]; OAc = acetato)**
 Morsali A., YILMAZ V. T., Kazak C., Zhu L.
 HELVETICA CHIMICA ACTA, cilt.88, sa.9, ss.2513-2522, 2005 (SCI-Expanded)
- CLV. **[Hg-2(μ -bpe)(μ -OAc)(2)(μ -SCN)(2)], a new two-dimensional coordination polymer involving three simultaneously bridging ligands: 1,2-bis(4-pyridyle)ethene, acetate, and thiocyanate**
 Morsali A., YILMAZ V. T., Kazak C.
 ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.631, sa.9, ss.1577-1579, 2005 (SCI-Expanded)
- CLVI. **Silver(I) saccharinato complexes with ethylenediamine and N,N-dimethylethylenediamine - $[\text{Ag}$**

- [Ag-2(sac)(2)(en)(H₂O)](n) and [Ag-2(sac)(2)(dmen)(2)]**
YILMAZ V. T., Hamamci S., Kazak C.
ZEITSCHRIFT FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.631, sa.10, ss.1961-1965, 2005 (SCI-Expanded)
- CLVII. Bis-(5,5'-diethylbarbiturato) copper(II) and cadmium(II) complexes with ethylenediamine. Synthesis, crystal structures, spectroscopic and thermal characterization of cis-[Cu(barb)(2)(en)] and {[Cd(barb)(2)(mu-en)]center dot 2H₂O}(n)**
YILMAZ F., Yilmaz V. T., Kazak C.
ZEITSCHRIFT FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.631, sa.8, ss.1536-1540, 2005 (SCI-Expanded)
- CLVIII. Synthesis, IR spectra, thermal analysis and crystal structure of a one-dimensional coordination polymer containing both three- and four-coordinate silver(I) centers bridged by both saccharinate and N-(2-hydroxyethyl)piperazine ligands**
Hamamci S., YILMAZ V. T., Harrison W.
JOURNAL OF MOLECULAR STRUCTURE, cilt.734, sa.1-3, ss.191-195, 2005 (SCI-Expanded)
- CLIX. Veysel Turan YILMAZ [PDF] from degruyter.com Silver (I)-Saccharinato Complexes with 2-(Aminomethyl) pyridine and 2-(2-Aminoethyl) pyridine Ligands:[Ag (sac)(ampy)] and [Ag₂ (sac) 2 (μ-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)
- CLX. Crystal and molecular structure of 3-phenyl-4-(p-chlorobenzlyamino)-4,5-dihydro-1-H-1,2,4-triazol-5-on**
Yilmaz V. T., Ağar E., Güven K. Y., Kahveci B., Şaşmaz S.
CRYSTAL RESEARCH AND TECHNOLOGY, cilt.39, sa.9, ss.811-814, 2004 (SCI-Expanded)
- CLXI. Bis(saccharinato)nickel(II) complexes with 2-aminomethyl and -ethylpyridines. Syntheses, crystal structures, spectral and thermal analyses of trans-[Ni(sac-N)(2)(ampy-N,N')(2)] and trans-[Ni(sac-O)(2)(aepy-N,N')(2)]**
YILMAZ V. T., ÇAĞLAR S., Harrison W.
TRANSITION METAL CHEMISTRY, cilt.29, sa.5, ss.477-482, 2004 (SCI-Expanded)
- CLXII. Copper(II)-malonato coordination frameworks with 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)
- CLXIII. 1-n-Butyl-2-(4'-fluorophenyl)-1H-benzimidazole-6-carbonitrile**
Kazak C., YILMAZ V. T., GÖKER A. H., Kus C.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, cilt.60, 2004 (SCI-Expanded)
- CLXIV. trans-bis(ethylenediamine)bis(p-nitrobenzoxasulfamato)copper(II)**
Kazak C., YILMAZ V. T., Yazicilar T.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, cilt.60, 2004 (SCI-Expanded)
- CLXV. trans-Tetraaquabis(p-nitrobenzoxasulfamato)cobalt(II)**
Kazak C., Yazicilar T., YILMAZ V. T.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, cilt.60, 2004 (SCI-Expanded)
- CLXVI. Transition metal complexes of acetamido malondihydroxamate: Synthesis, spectral, thermal and electrochemical studies**
YILMAZ F., Yilmaz V. T., Topcu S.
JOURNAL OF COORDINATION CHEMISTRY, cilt.57, sa.6, ss.525-534, 2004 (SCI-Expanded)
- CLXVII. Synthesis, spectral, thermal and structural characterization of [[Cu(H₂O)(3)][Cu(MAL)(2)]center dot 2H₂O]{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)
- CLXVIII. Cobalt(II) complexes of 2-methanol-, 2,6-dimethanol- and 2-ethanolpyridines: syntheses, spectroscopic, thermal and structural characterizations of $[\text{Co}-2(\mu\text{-Cl})(2)(\text{mpy})(4)]\text{Cl}\cdot 2$ center dot $2\text{H}_2\text{O}$, $[\text{Co}(\text{dmpy})(2)]\text{Cl}\cdot 2$ and $[\text{Co}(\text{Cl})(4)](\text{Hpyet})(2)$ ($\text{mpy}=2\text{-methanolpyridine}$; $\text{dmpy}=2,6\text{-dimethanolpyridine}$ and $\text{Hpyet}=2\text{-ethanolpyridinium}$)
YILMAZ V. T., Hamamci S., Thone C.
POLYHEDRON, cilt.23, sa.5, ss.841-848, 2004 (SCI-Expanded)
- CLXIX. Chlorobis[2-(2-pyridyl)ethanol]copper(II) chloride
Hamamci S., YILMAZ V. T., Thone C.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, cilt.60, 2004 (SCI-Expanded)
- CLXX. Synthesis, IR spectra, thermal analysis and crystal structures of bis(saccharinato)mercury(II) complexes with 2-aminomethylpyridine and 2-aminoethylpyridine
YILMAZ V. T., ÇAĞLAR S., Harrison W.
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.630, sa.10, ss.1512-1516, 2004 (SCI-Expanded)
- CLXXI. Trans-bis(saccharinato)cadmium(II) complexes with 2-aminomethylpyridine and 2-aminoethylpyridine - Synthesis, crystal structures, spectral and thermal characterization of trans-[$\text{Cd}(\text{sac})(2)(\text{ampy})(2)$] and trans-[$\text{Cd}(\text{sac})(2)(\text{aepy})(2)$]
YILMAZ V. T., ÇAĞLAR S., Harrison W.
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.630, sa.7, ss.1126-1130, 2004 (SCI-Expanded)
- CLXXII. cis-diapuabis[2-(hydroxymethyl)pyridine]-nickel(II) dichloride
Hamamci S., YILMAZ V. T., Thone C.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, cilt.60, 2004 (SCI-Expanded)
- CLXXIII. A one-dimensional lead(II) coordination polymer with bridging saccharinate and 2-aminomethylpyridine ligands: Synthesis, IR spectra, and crystal structure of $[\text{Pb}(\text{ampy})(\mu\text{-sac})(2)](n)$
YILMAZ V. T., ÇAĞLAR S., Harrison W.
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.630, sa.6, ss.948-951, 2004 (SCI-Expanded)
- CLXXIV. Bis(saccharinato-kappa N)zinc(II) complexes with N,N'-bidentate 2-aminomethylpyridine and 2-aminoethylpyridine
YILMAZ V. T., ÇAĞLAR S., Harrison W.
ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, cilt.60, 2004 (SCI-Expanded)
- CLXXV. Synthesis, crystal structure, IR spectra and thermal analysis of $\text{Na}[\text{Ag}(\text{sac})(2)]$ ($\text{sac}=\text{saccharinate}$)
YILMAZ V. T., Hamamci S., Thone C.
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.630, sa.11, ss.1641-1644, 2004 (SCI-Expanded)
- CLXXVI. Synthesis, spectra, thermal analysis and crystal structure of a mononuclear oxalato-copper(II) complex with monoethanolamine, $[\text{Cu}(\text{mea})(2)(\text{ox})]$
YILMAZ V. T., Senel E., Thone C.
JOURNAL OF COORDINATION CHEMISTRY, cilt.56, sa.16, ss.1417-1423, 2003 (SCI-Expanded)
- CLXXVII. The first calcium(II) complex with the saccharinate ligand: Synthesis, crystal structure, spectral and thermal characterization of trans-diaquabis[(2-hydroxyethyl)pyridinium]bis(saccharinato)calcium(II) disaccharinate, $[\text{Ca}(\text{sac})(2)(\text{H}_2\text{O})_2(\text{Hpyet})(2)](\text{sac})(2)$
YILMAZ V. T., Kazak C., Hamamci S.
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.629, sa.11, ss.2013-2017, 2003 (SCI-Expanded)
- CLXXVIII. 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)
- CLXXIX. **An eight-coordinate strontium complex with two tetradeятate 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)
- CLXXX. **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)
- CLXXXI. **2-(hydroxymethyl)pyridinium dihydrogenphosphate**
DEMİR S., YILMAZ V. T., Harrison W.
ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, cilt.59, 2003 (SCI-Expanded)
- CLXXXII. **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)
- CLXXXIII. **Triethanolammonium dihydrogenphosphate**
DEMİR S., YILMAZ V. T., Harrison W.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, cilt.59, 2003 (SCI-Expanded)
- CLXXXIV. **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., Karabocuk S., Slawin A.
JOURNAL OF MOLECULAR STRUCTURE, cilt.654, sa.1-3, ss.125-129, 2003 (SCI-Expanded)
- CLXXXV. **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)
- CLXXXVI. **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)
- CLXXXVII. **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)
- CLXXXVIII. **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)
- CLXXXIX. **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)
- CXC. **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 2H₂O and [Zn(dmpy)(2)](sac)(2)center dot 2H₂O**
YILMAZ V. T., Guney S., Andac O., Harrison W.
JOURNAL OF COORDINATION CHEMISTRY, cilt.56, sa.1, ss.21-32, 2003 (SCI-Expanded)
- CXCI. **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)
- CXCII. **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)
- CXCIII. **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)
- CXCIV. **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)
- CXCV. **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)
- CXCVI. **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)
- CXCVII. **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 FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, cilt.628, sa.8, ss.1908-1912, 2002 (SCI-Expanded)
- CXCVIII. **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)
- CXCIX. **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)
- CC. **trans-Diaquabis[2-(2-pyridyl)ethanol-kappa N-2,0]zinc(II) disaccharinate**
Hamamci S., YILMAZ V. T., Thone C.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, cilt.58, 2002 (SCI-Expanded)
- CCI. **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)
- CCII. **Synthesis, molecular and crystal structure of bis(triethanolamine)manganese(II) saccharinate: a seven-coordinate manganese complex with tri- and tetradeятate triethanolamine ligands**
Topcu Y., Andac O., YILMAZ V. T., Harrison W.
JOURNAL OF MOLECULAR STRUCTURE, cilt.610, sa.1-3, ss.99-103, 2002 (SCI-Expanded)
- CCIII. **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)**
YILMAZ V. T., KARADAĞ A., Thoene C.
JOURNAL OF COORDINATION CHEMISTRY, cilt.55, sa.6, ss.609-618, 2002 (SCI-Expanded)
- CCIV. **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)
- CCV. **The first metal complex of p-nitrobenzoxasulfamate. Synthesis, spectral and structural characterization of triaquabis(p-nitrobenzoxasulfamato)copper(II) monohydrate**
YILMAZ V. T., Andac O., Yazicilar T., Kutuk H., Bekdemir Y., Harrison W.
JOURNAL OF MOLECULAR STRUCTURE, cilt.608, sa.1, ss.71-76, 2002 (SCI-Expanded)
- CCVI. **Thermal decomposition of triethanolamine and monoethanolethylenediamine complexes of some transition metal saccharinates**
YILMAZ V. T., Topcu Y., KARADAĞ A.
THERMOCHIMICA ACTA, cilt.383, sa.1-2, ss.129-135, 2002 (SCI-Expanded)
- CCVII. **Crystal structure, spectral and thermal properties of potassium p-nitrobenzoxasulfamate monohydrate**
Bekdemir Y., Kutuk H., Celik S., YILMAZ V. T., Thoene C.
JOURNAL OF MOLECULAR STRUCTURE, cilt.604, sa.2-3, ss.239-244, 2002 (SCI-Expanded)
- CCVIII. **Bis(pyridine-2,6-dimethanol-N,O,O')cobalt(II) and -copper(II) disaccharinate dihydrate: three-dimensional structures with extensive hydrogen bonds and aromatic pi-pi-stacking interactions**
Andac O., Guney S., Topcu Y., YILMAZ V. T., Harrison W.
ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, cilt.58, 2002 (SCI-Expanded)
- CCIX. **trans-Bis(diethanolamine-N,O)bis-(saccharinato-N)cadmium(II)**
Andac O., Topcu Y., YILMAZ V. T., Harrison W.
ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, cilt.58, 2002 (SCI-Expanded)
- CCX. **Sodium p-nitrobenzoxasulfamate monohydrate**
Yazicilar T., Andac O., Bekdemir Y., Kutuk H., YILMAZ V. T., Harrison W.
ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, cilt.58, 2002 (SCI-Expanded)
- CCXI. **Synthesis and structure of trans-bis(ethanolamine)bis(saccharinato)mercury(II)**
Topcu Y., Andac O., YILMAZ V. T., Harrison W.
CRYSTAL RESEARCH AND TECHNOLOGY, cilt.37, sa.5, ss.509-513, 2002 (SCI-Expanded)
- CCXII. **Saccharin complexes of Co(II), Ni(II), Cu(II), Zn(II), Cd(II) and Hg(II) with ethanolamine and diethanolamine: synthesis, spectroscopic and thermal characteristics. Crystal structures of [Zn(ea)(2)(sac)(2)] and [Cu-2(mu-dea)(2)(sac)(2)]**
Yilmaz V. T., Topcu Y., YILMAZ F., Thoene C.
POLYHEDRON, cilt.20, sa.26-27, ss.3209-3217, 2001 (SCI-Expanded)
- CCXIII. **Bis(triethanolamine)cadmium(II) and -mercury(II) saccharinates: seven-coordinate complexes containing both tri- and tetradeятate triethanolamine ligands**
Andac O., Topcu Y., YILMAZ V. T., Guven K.
ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, cilt.57, ss.1381-1384, 2001 (SCI-Expanded)
- CCXIV. **Bis(triethanolamine-N,O,O')zinc(II) disaccharinate**
Topcu Y., YILMAZ V. T., Thone C.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, cilt.57, 2001 (SCI-Expanded)
- CCXV. **The phthalhydroxamate ligand and its divalent transition metal complexes: Synthesis, characterization, and spectral and thermal studies**
YILMAZ F., Yilmaz V. T.
SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY, cilt.31, sa.8, ss.1421-1432, 2001 (SCI-Expanded)
- CCXVI. **Di- and triethanolamine complexes of Co(II), Ni(II), Cu(II) and Zn(II) with thiocyanate: synthesis, spectral and thermal studies. Crystal structure of dimeric Cu(II) complex with deprotonated diethanolamine, [Cu-2(mu-dea)(2)(NCS)(2)]**
KARADAĞ A., YILMAZ V. T., Thoene C.
POLYHEDRON, cilt.20, sa.7-8, ss.635-641, 2001 (SCI-Expanded)
- CCXVII. **trans-Bis(ethanolamine-N,O)bis-(saccharinato-N)copper(II)**

- YILMAZ V. T., Andac O., Topcu Y., Harrison W.
ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, cilt.57, ss.271-272, 2001 (SCI-Expanded)
- CCXVIII. **Bis(triethanolamine-N,O,O')nickel(II) bis(saccharinate)**
Topcu Y., Andac O., YILMAZ V. T., Harrison W.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, cilt.57, 2001 (SCI-Expanded)
- CCXIX. **Decomposition of rhodium and iridium complexes of tripodal phosphine derivatives studied by thermal analysis**
YILMAZ V. T., Sulu M., Yazicilar T.
THERMOCHIMICA ACTA, cilt.366, sa.1, ss.71-78, 2001 (SCI-Expanded)
- CCXX. **Crystal structure and physico-chemical properties of diaquabis(1,10-phenanthroline)manganese(II) disaccharinate monohydrate**
Yilmaz V. T., Yilmaza F., Topcu Y., Andac O., Guven K.
JOURNAL OF MOLECULAR STRUCTURE, cilt.560, sa.1-3, ss.9-13, 2001 (SCI-Expanded)
- CCXXI. **Synthesis, characterization, and spectral and thermal studies of some divalent transition metal complexes of benzylpiperazine dithiocarbamate**
Cesur H., Yazicilar T., Bati B., YILMAZ V. T.
SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY, cilt.31, sa.7, ss.1271-1283, 2001 (SCI-Expanded)
- CCXXII. **X-ray crystal structure of trans-bis(monoethanolamine) bis(saccharinato)nickel(II)**
Andac O., Topcu Y., YILMAZ V. T., Harrison W.
JOURNAL OF CHEMICAL CRYSTALLOGRAPHY, cilt.30, sa.12, ss.767-771, 2000 (SCI-Expanded)
- CCXXIII. **trans-Bis(diethanolamine)bis(isothio-cyanato)nickel(II)**
YILMAZ V. T., KARADAĞ A., Thone C., Herbst-Irmer R.
ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, cilt.56, ss.948-949, 2000 (SCI-Expanded)
- CCXXIV. **Thermal decomposition of Hofmann-type complexes of di- and triethanolamine**
YILMAZ V. T., KARADAĞ A.
THERMOCHIMICA ACTA, cilt.348, sa.1-2, ss.121-127, 2000 (SCI-Expanded)
- CCXXV. **Thermal studies of transition metal complexes of acetylsalicylhydroxamic acid**
Yilmaz V. T., YILMAZ F.
THERMOCHIMICA ACTA, cilt.348, sa.1-2, ss.139-146, 2000 (SCI-Expanded)
- CCXXVI. **Preparation and infrared spectroscopic examination of Hofmann-type di- and triethanolamine complexes**
KARADAĞ A., YILMAZ V. T.
SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY, cilt.30, sa.2, ss.359-368, 2000 (SCI-Expanded)
- CCXXVII. **Trans-Bis(diethanolamine)bis(isothiocyanato)nickel(II)**
Yilmaz V. T., Karadağ A., Thöne C., Herbst-Irmer R.
ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, cilt.56, ss.948-949, 2000 (SCI-Expanded)
- CCXXVIII. **Acetylsalicylhydroxamic acid and its cobalt(II), nickel(II), copper(II) and zinc(II) complexes**
Yilmaz V. T., YILMAZ F.
TRANSITION METAL CHEMISTRY, cilt.24, sa.6, ss.726-729, 1999 (SCI-Expanded)
- CCXXIX. **Thermal properties of mixed-ligand bis(hydrazine) and bis(ethylenediamine) complexes of cobalt, nickel and copper saccharinates**
Icbudak H., Yazicilar T., YILMAZ V. T.
THERMOCHIMICA ACTA, cilt.335, sa.1-2, ss.93-98, 1999 (SCI-Expanded)
- CCXXX. **Spectroscopic studies on thermally induced intramolecular electron transfer reaction of tetraaquabis(saccharinato)iron(II)dihydrate in the solid state**
YILMAZ V. T.

- SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY, cilt.29, sa.4, ss.621-633, 1999
(SCI-Expanded)
- CCXXXI. Preparation and spectroscopic examination of new mixed-ligand 1,10-phenanthroline, phenylhydrazine and benzidine complexes of Co(II), Ni(II), Cu(II) and Zn(II) saccharinates
Yilmaz V. T., Topcu Y., YILMAZ F.
SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY, cilt.29, sa.3, ss.407-417, 1999
(SCI-Expanded)
- CCXXXII. Thermal studies on solid complexes of saccharin with divalent transition metal ions
Icbudak H., YILMAZ V. T., Olmez H.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, cilt.53, sa.3, ss.843-854, 1998 (SCI-Expanded)
- CCXXXIII. Crystal and molecular structure of tris(2,6-dichlorophenyl) thiophosphate
YILMAZ V. T., Odabasoglu M., Howie R.
TURKISH JOURNAL OF CHEMISTRY, cilt.22, sa.4, ss.409-413, 1998 (SCI-Expanded)
- CCXXXIV. Crystal structure of dichlorodiaquabis-(p-dimethylaminobenzaldehyde)manganese(II)
YILMAZ V. T., Yazicilar T., Olmez H., Howie R.
TURKISH JOURNAL OF CHEMISTRY, cilt.22, sa.3, ss.273-278, 1998 (SCI-Expanded)
- CCXXXV. Preparation, characterization and thermal reactivity of N,N-dimethylformamide complexes of some transition metal chlorides
YILMAZ V. T., Topcu Y.
THERMOCHIMICA ACTA, cilt.307, sa.2, ss.143-147, 1997 (SCI-Expanded)
- CCXXXVI. Bis[tris(2-hydroxyethyl)ammonium] hexachloroplatinate(IV)
YILMAZ V. T., Icbudak H., Howie R.
ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, cilt.53, ss.294-296, 1997 (SCI-Expanded)
- CCXXXVII. Synthesis and characterization of new mixed-ligand bis(hydrazine) and bis(ethylenediamine) complexes of cobalt, nickel and copper saccharinates
Icbudak H., YILMAZ V. T.
SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY, cilt.27, sa.10, ss.1517-1525, 1997
(SCI-Expanded)
- CCXXXVIII. Synthesis and characterization of p-dimethylaminobenzaldehyde complexes of Cr(III), Mn(II), Fe(III), Co(II), Ni(II), Cu(II) and Zn(II)
Yazicilar T., YILMAZ V. T., Olmez H.
SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY, cilt.27, sa.6, ss.825-833, 1997
(SCI-Expanded)
- CCXXXIX. Thermal decomposition behaviour of some trivalent transition and inner-transition metal complexes of triethanolamine
Icbudak H., YILMAZ V. T., Olmez H.
THERMOCHIMICA ACTA, cilt.289, sa.1, ss.23-32, 1996 (SCI-Expanded)
- CCXL. Thermal decomposition characteristics of ammonium hexachlorometallate(IV) complex salts of platinum metals
YILMAZ V. T., Icbudak H.
THERMOCHIMICA ACTA, cilt.276, ss.115-122, 1996 (SCI-Expanded)
- CCXLI. Crystal structure of tris(2-hydroxyethyl)ammonium bromide
YILMAZ V. T., Icbudak H., Olmez H., Howie R.
TURKISH JOURNAL OF CHEMISTRY, cilt.20, sa.1, ss.69-73, 1996 (SCI-Expanded)
- CCXLII. Distribution of uranium in the production of triple superphosphate (TSP) fertilizer and phosphoric acid
Erdem E., Tinkilic N., YILMAZ V. T., Uyanik A., Olmez H.
FERTILIZER RESEARCH, cilt.44, sa.2, ss.129-131, 1996 (SCI-Expanded)
- CCXLIII. Molecular structure of 2'-hydroxy-3'-methoxy-5'-allyl-4-methylazobenzene
YILMAZ V. T., ŞAŞMAZ S., Gumrukcuoglu I., Howie R.

- TURKISH JOURNAL OF CHEMISTRY, cilt.20, sa.2, ss.153-158, 1996 (SCI-Expanded)
- CCXLIV. **BIS[TRIS(2-HYDROXYETHYL)AMINE]NICKEL(II) CHLORIDE**
ICBUDAK H., YILMAZ V. T., HOWIE R., ANDAC O., OLMEZ H.
ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, cilt.51, ss.1759-1761, 1995
(SCI-Expanded)
- CCXLV. **THERMAL-DECOMPOSITION OF BETA-CYCLODEXTRIN INCLUSION COMPLEXES OF FERROCENE AND THEIR DERIVATIVES**
YILMAZ V. T., KARADAĞ A., ICBUDAK H.
THERMOCHIMICA ACTA, cilt.261, ss.107-118, 1995 (SCI-Expanded)
- CCXLVI. **THERMAL DECOMPOSITIONS OF SOME DIVALENT TRANSITION-METAL COMPLEXES OF TRIETHANOLAMINE**
ICBUDAK H., YILMAZ V. T., OLMEZ H.
JOURNAL OF THERMAL ANALYSIS, cilt.44, sa.3, ss.605-615, 1995 (SCI-Expanded)
- CCXLVII. **PREPARATION AND SPECTROSCOPIC EXAMINATION OF SOME INCLUSION COMPLEXES OF FERROCENE AND ITS DERIVATIVES WITH BETA-CYCLODEXTRIN**
YILMAZ V. T., KARADAG A.
TURKISH JOURNAL OF CHEMISTRY, cilt.19, sa.3, ss.236-241, 1995 (SCI-Expanded)
- CCXLVIII. **THERMAL-BEHAVIOR AND KINETIC-ANALYSIS OF THE THERMOGRAVIMETRIC DATA OF DOUBLE AMMONIUM-SULFATE HEXAHYDRATE SALTS OF MN(II), FE(II), CO(II), NI(II) AND CU(II)**
YILMAZ V. T., ICBUDAK H., OLMEZ H.
THERMOCHIMICA ACTA, cilt.244, ss.85-92, 1994 (SCI-Expanded)
- CCXLIX. **CORROSION-INHIBITORS FOR MILD-STEEL - STANNOUS TIN (SnII) IN ORDINARY PORTLAND-CEMENT**
SAGOECRENTSIL K., GLASSER F., YILMAZ V. T.
CEMENT AND CONCRETE RESEARCH, cilt.24, sa.2, ss.313-318, 1994 (SCI-Expanded)
- CCL. **CORROSION INHIBITION OF STEEL IN CONCRETE BY CARBOXYLIC-ACIDS**
SAGOECRENTSIL K., YILMAZ V. T., GLASSER F.
CEMENT AND CONCRETE RESEARCH, cilt.23, sa.6, ss.1380-1388, 1993 (SCI-Expanded)
- CCLI. **QUANTITATIVE-DETERMINATION OF TRIETHANOLAMINE IN CEMENTS**
YILMAZ V. T., MENEK N., ODABASOGLU M.
CEMENT AND CONCRETE RESEARCH, cilt.23, sa.3, ss.603-608, 1993 (SCI-Expanded)
- CCLII. **THE DEGRADATION OF CEMENT SUPERPLASTICIZERS IN A HIGH ALKALINE-SOLUTION**
YILMAZ V. T., ODABASOGLU M., ICBUDAK H., OLMEZ H.
CEMENT AND CONCRETE RESEARCH, cilt.23, sa.1, ss.152-156, 1993 (SCI-Expanded)
- CCLIII. **CHEMICAL ATTACK ON ALKALI-RESISTANT GLASS-FIBERS IN A HYDRATING CEMENT MATRIX - CHARACTERIZATION OF CORROSION PRODUCTS**
YILMAZ V. T.
JOURNAL OF NON-CRYSTALLINE SOLIDS, cilt.151, sa.3, ss.236-244, 1992 (SCI-Expanded)
- CCLIV. **DETERMINATION OF SULFONATED NAPHTHALENE FORMALDEHYDE SUPERPLASTICIZER IN CEMENT - A NEW SPECTROFLUOROMETRIC METHOD AND ASSESSMENT OF THE UV METHOD**
YILMAZ V. T., KINDNESS A., GLASSER F.
CEMENT AND CONCRETE RESEARCH, cilt.22, sa.4, ss.663-670, 1992 (SCI-Expanded)
- CCLV. **IMPEDANCE SPECTROSCOPY ANALYSIS OF THE INFLUENCE OF SUPERPLASTICIZERS ON STEEL CORROSION IN OPC MORTARS**
SAGOECRENTSIL K., YILMAZ V. T., GLASSER F.
JOURNAL OF MATERIALS SCIENCE, cilt.27, sa.12, ss.3400-3404, 1992 (SCI-Expanded)
- CCLVI. **CHEMICAL AND MICROSTRUCTURAL CHANGES AT ALKALI-RESISTANT GLASS FIBER-CEMENT INTERFACES**
YILMAZ V. T., LACHOWSKI E., GLASSER F.
JOURNAL OF THE AMERICAN CERAMIC SOCIETY, cilt.74, sa.12, ss.3054-3060, 1991 (SCI-Expanded)
- CCLVII. **EARLY HYDRATION OF TRICALCIUM ALUMINATE-GYPSUM MIXTURES IN THE PRESENCE OF**

- SULFONATED MELAMINE FORMALDEHYDE SUPERPLASTICIZER**
YILMAZ V. T., GLASSER F.
CEMENT AND CONCRETE RESEARCH, cilt.21, sa.5, ss.765-776, 1991 (SCI-Expanded)
- CCLVIII. REACTION OF ALKALI-RESISTANT GLASS-FIBERS WITH CEMENT .2. DURABILITY IN CEMENT MATRICES CONDITIONED WITH SILICA FUME**
YILMAZ V. T., GLASSER F.
GLASS TECHNOLOGY, cilt.32, sa.4, ss.138-147, 1991 (SCI-Expanded)
- CCLIX. CRYSTALLIZATION OF CALCIUM HYDROXIDE IN THE PRESENCE OF SULFONATED MELAMINE FORMALDEHYDE SUPERPLASTICIZER**
YILMAZ V. T., GLASSER F.
JOURNAL OF MATERIALS SCIENCE LETTERS, cilt.10, sa.12, ss.712-715, 1991 (SCI-Expanded)
- CCLX. REACTION OF ALKALI-RESISTANT GLASS-FIBERS WITH CEMENT .1. REVIEW, ASSESSMENT, AND MICROSCOPY**
YILMAZ V. T., GLASSER F.
GLASS TECHNOLOGY, cilt.32, sa.3, ss.91-98, 1991 (SCI-Expanded)
- CCLXI. INFRARED STUDY ON THE REFINEMENT OF PHOSPHOGYPSUM FOR CEMENTS**
OLMEZ H., YILMAZ V. T.
CEMENT AND CONCRETE RESEARCH, cilt.18, sa.3, ss.449-454, 1988 (SCI-Expanded)

Diger Dergilerde Yayınlanan Makaleler

- I. **Synthesis and Characterization of silver (I) Saccharinate Complexes with Pyrazole and Imidazole Ligands:[Ag (sac)(pz)(H₂O)] n and [Ag (sac)(im)]· 2H₂O**
Yilmaz V. T., Hamamci S., Büyükgüngör O.
Zeitschrift fur Naturforschung - Section B Journal of Chemical Sciences, cilt.61, ss.189-193, 2006 (Hakemli Dergi)
- II. **Influence of some set accelerating admixtures on the hydration of Portland cement containing phosphogypsum**
YILMAZ V. T., Isildak Ö.
Advances in Cement Research, cilt.5, sa.20, ss.147-150, 1993 (Scopus)
- III. **Reaction of alkali-resistant glass fibres with cement. Part 1. Review, assessment, and microscopy**
Yilmaz V. T., Glasser F.
GLASS TECHNOLOGY, cilt.32, ss.91-98, 1991 (Scopus)
- IV. **Reaction of alkali-resistant glass fibres with cement. Part 2. Durability in cement matrices conditioned with silica fume**
Yilmaz V. T., Glasser F.
GLASS TECHNOLOGY, cilt.32, ss.138-147, 1991 (Scopus)
- V. **Quantitative analysis of sulphonated melamine formaldehyde superplasticizer in cement**
YILMAZ V. T., Kindness A., Glasser F.
Advances in Cement Research, cilt.2, sa.7, ss.107-110, 1989 (Scopus)
- VI. **Influence of sulphonated melamine formaldehyde superplasticizer on cement hydration and microstructure**
YILMAZ V. T., Glasser F.
Advances in Cement Research, cilt.2, sa.7, ss.111-119, 1989 (Scopus)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Monofosfinler İçeren Yeni Palladyum(II) Kloro ve Sakkarinat Komplekslerinin Sentezi ve Yapıları**
Turgut Ö. R., İÇSEL C., YILMAZ V. T.
- VI. Ulusal Anorganik Kimya Kongresi, Türkiye, 18 - 21 Mayıs 2017

- II. **Difosfin Ligantları İçeren Nötral ve Katyonik Palladyum(II) ve Platin(II) Sakkarinat Komplekslerinin Sentezi ve Yapıları**
YILMAZ V. T., İÇSEL C.
VI. Ulusal Anorganik Kimya Kongresi, Türkiye, 18 - 21 Mayıs 2017
- III. **Monofosfin Ligantlı Gümüş(I) 5,5-Dietilbarbitürat Komplekslerinin Yapıları, Antimikrobiyal ve Antikanser Özellikleri**
BATUR J., İÇSEL C., YILMAZ V. T.
VI. Ulusal Anorganik Kimya Kongresi, Türkiye, 18 - 21 Mayıs 2017
- IV. **Safety, disposition, and efficacy assesment of a palladium based compound as part of preclinical drug development stage**
DURMUŞ ERİM S., Ünal O., KHODADUST R., İÇSEL C., YILMAZ V. T., Yağcı A., ULUKAYA E., Van TELLİGEN O., Şahin O.
4th International Bau Drug Design Congress, 13 - 15 Ekim 2016
- V. **Preclinical assessment of a novel palladium-based anticancer drug candidate: Assessing its metabolism, pharmacokinetics and interaction with drug**
DURMUŞ ERİM S., Ünal O., Khodadust R., İÇSEL C., YILMAZ V. T., Yağcı A., ULUKAYA E., van TELLİGEN O., Şahin O.
The 21st International Symposium on Microsomes and Drug Oxidations, Amerika Birleşik Devletleri, 2 - 06 Ekim 2016
- VI. **Preclinical characterization of a novel palladium complex as anticancer drug candidate**
Erim S. D., Unal O., Khodadust R., Icsel C., YILMAZ V. T., Ulukaya E., Acar F. Y., Sahin O.
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Türkiye, 3 - 08 Eylül 2016, cilt.283, ss.102
- VII. **Preclinical Assessment of a Novel Palladium-Based Anticancer Drug Candidate: Assessing Its Pharmacokinetics and Interaction With Drug Transporters**
DURMUŞ ERİM S., unal o., Khodadust r., İÇSEL C., YILMAZ V. T., yağcı a., ULUKAYA E., van Telligen O., Şahin O.
Transporter Conference, 11 - 13 Mayıs 2016
- VIII. **OPERATED IN PATIENTS WITH NON-SMALL CELL LUNG CANCER: ERCC-1 AND EGFR EXPRESSION OF THESE EFFECTS**
Aynaci A., TURNA A., Aynaci E., Urer N., Coskunpinar E., Kadakal F., Gursel A., YILMAZ V. T.
Asian Pacific Society of Respirology 20th Congress, Kuala-Lumpur, Malezya, 3 - 06 Aralık 2015, cilt.20, ss.98
- IX. **Palladium (II)-based novel approach to kill cancer stem cells of breast cancer**
Ulukaya E., Aydinlik S., Erkisa M., ARI F., YILMAZ V. T.
Asia Congress of the European-Society-for-Medical-Oncology (ESMO), Singapore, Singapur, 18 - 21 Aralık 2015, cilt.26, ss.154-155
- X. **Predicting Efficacy Of A Novel Anticancer Drug Candidate In The Scope Of ABC And OATP Drug Transporters**
DURMUŞ ERİM S., ÜNAL O., KHODADUST R., İÇSEL C., YILMAZ V. T., ACAR F. Y., ŞAHİN Ö., ULUKAYA E.
3rd INTERNATIONALBAU-DRUG DESIGN CONGRESS, 1 - 03 Ekim 2015
- XI. **One molecule with two faces: solvent dependent activity of the Pd (II) complex determines the form of the function, death or alive?**
AZTOPAL N., ERKISA M., İÇSEL C., YILMAZ V. T., ULUKAYA E.
3rd Anticancer Agent Development Congress, 18 - 19 Mayıs 2015
- XII. **Yeni Sentezlenen Trans-dikloridobis[2-(2-hidroksietil)piridin]platin(II) Kompleksinin Meme Kanseri Hücre Soyları Üzerine Sitotoksik/Apoptotik Etkisi**
YILMAZTEPE ORAL A., CEVATEMRE B., SARIMAHMUT M., İÇSEL C., YILMAZ V. T., ULUKAYA E.
3. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Türkiye, 20 - 22 Mart 2015
- XIII. **In vitro and in vivo evaluation of the toxicological and molecular effects of a novel Pd(II) complex**
Adiguzel Z., Baykal T., Cetin Y., Kacar O., Serhatli M., Polat H., Ulukaya E., YILMAZ V. T., Acilan C.
49th Congress of the European-Societies-of-Toxicology (EUROTOX), Interlaken, İsviçre, 1 - 04 Eylül 2013, cilt.221
- XIV. **Tersiyer Fosfin Ligantı İçeren Polimerik Gümüş(I) Sakkarinat Kompleksinin Sentezi, Kristal Yapısı, DNA Bağlanması ve Biyolojik Aktivite Çalışmaları**

- GÖÇMEN E., İÇSEL C., YILMAZ V. T.
IV. Ulusal Anorganik Kimya Kongresi, Türkiye, 30 Mayıs - 02 Haziran 2013
- XV. **2-(Hidroksimetil)piridin ve 2-(2-hidroksietil)piridin ligantları içeren palladyum(II) ve platin(II) komplekslerinin kristal yapıları ve DNA bağlanma özellikleri**
İÇSEL C., YILMAZ V. T.
IV. Ulusal Anorganik Kimya Kongresi, Türkiye, 30 Mayıs - 02 Haziran 2013
- XVI. **trans-[Pt(2-mpy)2].4H₂O ve [PtCl(2-pyc)(2-hmpy)].H₂O komplekslerinin DNA-bağlanma özellikleri**
İÇSEL C., YILMAZ V. T.
IV Multidipsiliner Kanser Araştırma Kongresi, Türkiye, 13 - 16 Aralık 2012
- XVII. **Promising Anti-cancer Activity of a Novel Palladium (II) Complex on Human Breast Cancer Cells in Vitro and in Vivo**
Ulukaya E., ARI F., Dimas K., Ikitimur E. I., Guney E., Sakellaridis N., YILMAZ V. T.
European Multidisciplinary Cancer Congress on Integrating Basic and Translational Science, Surgery, Radiotherapy, Medical oncology, Advocacy and Care, Stockholm, İsveç, 23 - 27 Eylül 2011, cilt.47
- XVIII. **Piridin varlığındaki palladyum(II) ve platin(II) sakkarinat komplekslerinin sentezi, kristal yapıları, termik ve fluoresans özellikleri**
İÇSEL C., GÜNEY E., YILMAZ V. T.
III. Ulusal Anorganik Kimya Kongresi, Çanakkale, Türkiye, 19 - 22 Mayıs 2011
- XIX. **EFFECT OF SILICA FUME ADDITION ON THE DURABILITY OF ALKALI-RESISTANT GLASS-FIBER IN CEMENT MATRICES**
YILMAZ V. T., GLASSER F.
4TH INTERNATIONAL CONF ON FLY ASH, SILICA FUME, SLAG, AND NATURAL POZZOLANS IN CONCRETE, İstanbul, Türkiye, 3 - 08 Mayıs 1992, cilt.132, ss.1151-1166
- XX. **EFFECTS OF SOME SET ACCELERATING CHEMICAL ADMIXTURES ON HYDRATION OF PHOSPHOGYPSUM - PORTLAND-CEMENT**
YILMAZ V. T., ISILDAK O.
Turkish 8th Symp National Chemistry and Chemical Engineering, İstanbul, Türkiye, 7 - 11 Eylül 1992, cilt.518, ss.99-102

Desteklenen Projeler

YILMAZ V. T., İÇSEL YILMAZ C., ULUKAYA E., AYDINLIK ŞANLI Ş., Yükseköğretim Kurumları Destekli Proje, Tris2piridilmelamin içeren geçiş metalII sakkarinat komplekslerinin sentezi yapıları ve antikanser aktiviteleri, 2023 - Devam Ediyor
İçsel Yılmaz C., Yılmaz V. T., TÜBİTAK Projesi, Polipiridil Ligantlı Palladyum(II) Ve Platin(II) 5-Florourasil Komplekslerinin Sentezi Ve Kolorektal Kanserinde In Vitro Ve In Vivo Etkileri, 2023 - 2025
İçsel Yılmaz C., Yılmaz V. T., Yükseköğretim Kurumları Destekli Proje, Piridin Temelli Ligantlar ve 5-Florourasil Koordine Bakır(II) ve Çinko(II) Komplekslerinin Sentezi, Yapıları ve Antikanser Aktiviteleri, 2020 - 2023
Yılmaz V. T., Armutak E. İ., Yükseköğretim Kurumları Destekli Proje, Palladyum (II) Kompleksinin Anjiyogenez Üzerine Etkilerinin, MTT, ATP/TCA Sitotoksitesi Testleri ve Tüm Oluşum Tekniği İle HUVEC Hücrelerinde Araştırılması, 2017 - 2019
Yılmaz V. T., TÜBİTAK Projesi, Fosfin Ligantları İçeren Yeni Palladyum(II) ve Platin(II) Sakkarinat Komplekslerinin Sentezi, Yapısal Karakterizasyonu, DNA/Protein Bağlanma, Moleküler Doking ve Antikanser Özelliklerinin Araştırılması, 2016 - 2019
Yılmaz V. T., Yükseköğretim Kurumları Destekli Proje, Fosfino Gümüş(I) 5,5-Dietilbarbitürat Komplekslerinin Sentezi, DNA/Protein Bağlanma Çalışmaları ve Biyolojik Özelliklerinin Araştırılması, 2016 - 2018
Yılmaz V. T., Yükseköğretim Kurumları Destekli Proje, Bis- ve Trispirimidin Ligantları İçeren Nikel(II), Bakır(II) ve Çinko(II) 5,5- Dietilbarbitürat Komplekslerinin Sentezi, Yapıları, DNA Bağlanma Çalışmaları ve Antioksidan Özellikleri, 2013 - 2017
Yılmaz V. T., Ulukaya E., TÜBİTAK Projesi, Olası Bir Anti Kanser Bileşik Terpiridin İçeren Palladyum II Sakkarinat Kompleksinin Pd Sac Terpy Sac Meme Kanser Hök Hücreleri Üzerindeki Sitotoksik Sitostatik Etkilerinin ve

Mekanizmalarının Araştırılması, 2014 - 2016

Yılmaz V. T., Ulukaya E., TÜBİTAK - AB COST Projesi , Uludağ Üniversitesiince Sentez Edilen Palladium II Kompleksinin ve Kök Hücre Yolak İnhibitorları Ile Kombinasyonlarının Meme Kanseri Kanser Kök Hücreleri Üzerindeki Sitotoksik Genotoksik Etkilerinin ve Mekanizmanın Gen ve Protein Düzeyinde Araştırılması, 2013 - 2015

Yılmaz V. T., Arı F., TÜBİTAK Projesi, Yeni Sentezlenen Platin II Kompleksinin Pt Hepy 2Cl₂ Sitotoksik Apoptotik Etkilerinin Meme Kanseri Kök Hücrelerinde in vitro Araştırılması, 2013 - 2014

Yılmaz V. T., Yükseköğretim Kurumları Destekli Proje, Yeni Oksim ve İminoooksim Palladyum II ve Platin II Komplekslerinin Yapısal ve Spektroskopik Özelliklerinin Deneysel ve Kuramsal İncelenmesi, 2012 - 2014

Yılmaz V. T., Yükseköğretim Kurumları Destekli Proje, Tersiyer Fosfin Ligantları İçeren Yeni Gümüş I Sakkarinat Komplekslerinin Sentezi Yapıları Ve Özellikleri, 2011 - 2014

Yılmaz V. T., TÜBİTAK Projesi, Piridin Bazlı Ligantlar İçeren 5 5 Dietilbarbitürat Palladyum II Ve Platin II Komplekslerinin Sentezi Karakterizasyonu ve Anti Kanser Özellikleri Bakır II ve Gümüş I Komplekslerinin Sentezi Spektroskopik Termik ve Yapısal Özelliklerinin İncelenmesi, 2011 - 2013

Yılmaz V. T., TÜBİTAK Projesi, Karışık Ligantlı Platin ve Palladyum Sakkarin Kompleksleri, 2007 - 2010

Patent

Armutak E. İ., Gürel Gürevin E., Yılmaz V. T., Ulukaya E., Kıyan H. T., BİR PALADYUM KOMPLEKSİNİN IN VIVO ANTİANJİYOGENİK ETKİSİ, Patent, BÖLÜM A İnsan İhtiyaçları, Buluşun Tescil No: TR 2015 15168 B , Standart Tescil, 2022

Armutak E. İ., Yılmaz V. T., Kıyan H. T., Gürel Gürevin E., Ulukaya E., Bir paladyum(II) [Pd(terpi)](sak).2H₂O] kompleksinin in vivo antianjiyogenik etkisi, Patent, BÖLÜM A İnsan İhtiyaçları, Buluşun Tescil No: TR201601308B , Standart Tescil, 2019

İçsel Yılmaz C., Yılmaz V. T., Ulukaya E., A PALLADIUM COMPLEX WITH ANTICANCER ACTIVITY, Patent, BÖLÜM C Kimya; Metalürji, Buluşun Tescil No: TR201405244B , Standart Tescil, 2017

İçsel Yılmaz C., Yılmaz V. T., Ulukaya E., PALLADIUM COMPLEX WITH ANTICANCER ACTIVITY, Patent, BÖLÜM C Kimya; Metalürji, Buluşun Tescil No: US9839643B2 , Standart Tescil, 2017

Yılmaz V. T., Ulukaya E., Düşük Dozlarda Anti-Kanser Aktivite Gösteren Yeni Pallayum Bileşikleri, Patent, BÖLÜM C Kimya; Metalürji, Buluşun Tescil No: TR20n 00198 B , Standart Tescil, 2013