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Education Information

Doctorate, University of Aberdeen, England 1989 - 1991

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

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

Dissertations

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

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

Research Areas

Inorganic Chemistry, Bioinorganic Chemistry, Coordination Chemistry

Academic Titles / Tasks

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

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

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

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

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

Academic and Administrative Experience

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

Advising Theses

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

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

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A novel cocrystal of 5-fluorouracil with 2,2'-dipyridylamine: Synthesis, structural characterization, thermal analysis and in silico anticancer evaluation as a thymidylate synthase inhibitor**
YILDIRIM N., İÇSEL YILMAZ C., Ercan S., AYGÜN M., YILMAZ V. T.
Journal of Molecular Structure, vol.1318, 2024 (SCI-Expanded)
- II. **Metal saccharinate complexes with N,N-bis(2-hydroxyethyl)ethylenediamine: Synthesis, structural, thermal decomposition and DFT studies**
KARADAĞ A., Aydın M., Zülfikaroğlu A., YILMAZ V. T.
Inorganica Chimica Acta, vol.567, 2024 (SCI-Expanded)
- III. **Pd(II) and Pt(II) saccharinate complexes with two phosphine derivatives: Synthesis, anticancer and antiangiogenic activities**
İÇSEL YILMAZ C., YILMAZ V. T., AYGÜN M., Erkisa M., Ulukaya E., Akar R. O.
Applied Organometallic Chemistry, vol.38, no.5, 2024 (SCI-Expanded)
- IV. **Water-soluble copper(II) 5-fluorouracil complexes bearing polypyridyl co-ligands: synthesis, structures and anticancer activity**
İÇSEL YILMAZ C., YILMAZ V. T., AYGÜN M., Erkisa M., Ulukaya E.
Dalton transactions (Cambridge, England : 2003), vol.52, no.21, pp.7048-7058, 2023 (SCI-Expanded)
- V. **Synthesis, structural, magnetic and thermal studies of copper(II) 5,5-diethylbarbiturate complexes with nicotinamide, 2,2'-bipyridine and triethanolamine**
YILMAZ V. T., YILMAZ F., İÇSEL YILMAZ C., AYGÜN M.
Journal of Coordination Chemistry, vol.76, no.3-4, pp.414-423, 2023 (SCI-Expanded)
- VI. **Novel 5-fluorouracil complexes of Zn(II) with pyridine-based ligands as potential anticancer agents**
İçsel C., Yılmaz V. T., Aygün M., Erkisa M., Ulukaya E.
DALTON TRANSACTIONS, vol.51, no.13, pp.5208-5217, 2022 (SCI-Expanded)
- VII. **Palladium (II) complex and thalidomide intercept angiogenic signaling via targeting FAK/Src and Erk/Akt/PLC gamma dependent autophagy pathways in human umbilical vein endothelial cells**
Aydinlik S., ÜVEZ A., Kiyani H. T., Gurel-Gurevin E., YILMAZ V. T., Ulukaya E., ARMUTAK E. İ.
MICROVASCULAR RESEARCH, vol.138, 2021 (SCI-Expanded)
- VIII. **Preparation and Characterization of Palladium Derivate-Loaded Micelle Formulation in Vitro as an Innovative Therapy Option against Non-Small Cell Lung Cancer Cells**
Erkisa M., ARI F., Buyukkoroglu G., Senel B., YILMAZ V. T., Ulukaya E.
CHEMISTRY & BIODIVERSITY, vol.18, no.9, 2021 (SCI-Expanded)
- IX. **Combination of Histone Deacetylase Inhibitor with Cu(II) 5,5-diethylbarbiturate Complex Induces Apoptosis in Breast Cancer Stem Cells: A Promising Novel Approach**
Erkisa M., Aztopal N., ERTÜRK E., Ulukaya E., YILMAZ V. T., ARI F.
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.21, no.14, pp.1850-1860, 2021 (SCI-Expanded)
- X. **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**
İçsel C., YILMAZ V. T., Aydınlik S., AYGÜN M.

EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.202, 2020 (SCI-Expanded)

- XI. **A promising therapeutic combination for metastatic prostate cancer: Chloroquine as autophagy inhibitor and palladium(II) barbiturate complex**
Erkisa M., Aydinlik S., Cevatemre B., Aztopal N., Akar R. O., ÇELİKLER KASIMOĞULLARI S., YILMAZ V. T., ARI F., Ulukaya E.
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- XII. **Zn(ii), Cd(ii) and Hg(ii) saccharinate complexes with 2,6-bis(2-benzimidazolyl)pyridine as promising anticancer agents in breast and lung cancer cell lines via ROS-induced apoptosis**
Icel C., YILMAZ V. T., Aydinlik S., AYGÜN M.
DALTON TRANSACTIONS, vol.49, no.23, pp.7842-7851, 2020 (SCI-Expanded)
- XIII. **Trans-Pd/Pt(II) saccharinate complexes with a phosphine ligand: Synthesis, cytotoxicity and structure-activity relationship**
Icel C., YILMAZ V. T., AYGÜN M., Ulukaya E.
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, vol.30, no.9, 2020 (SCI-Expanded)
- XIV. **Cytotoxic platinum(II) complexes derived from saccharinate and phosphine ligands: synthesis, structures, DNA cleavage, and oxidative stress-induced apoptosis**
Icel C., YILMAZ V. T., Cevatemre B., AYGÜN M., Ulukaya E.
JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY, vol.25, no.1, pp.75-87, 2020 (SCI-Expanded)
- XV. **Synthesis, structures and catalytic activity of Pd(II) saccharinate complexes with monophosphines in direct arylation of five-membered heteroarenes with aryl bromides**
YILMAZ V. T., Icel C., Turgut O. R., AYGÜN M., Evren E., ÖZDEMİR İ.
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- XVI. **Structures and anticancer activity of chlorido platinum(II) saccharinate complexes with mono- and dialkylphenylphosphines**
Icel C., YILMAZ V. T., Cevatemre B., AYGÜN M., Ulukaya E.
JOURNAL OF INORGANIC BIOCHEMISTRY, vol.195, pp.39-50, 2019 (SCI-Expanded)
- XVII. **Unfolded Protein Response is Involved in Trans-Platinum (II) Complex-Induced Apoptosis in Prostate Cancer Cells via ROS Accumulation**
Karakas D., Cevatemre B., ORAL H. B., YILMAZ V. T., Ulukaya E.
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.19, no.9, pp.1184-1195, 2019 (SCI-Expanded)
- XVIII. **Pd(II) and Pt(II) saccharinate complexes of bis(diphenylphosphino) propane/butane: Synthesis, structure, antiproliferative activity and mechanism of action**
YILMAZ V. T., Icel C., AYGÜN M., Erkisa M., Ulukaya E.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.158, pp.534-547, 2018 (SCI-Expanded)
- XIX. **Palladium(II) and platinum(II) saccharinate complexes with bis(diphenylphosphino)methane/ethane: synthesis, S-phase arrest and ROS-mediated apoptosis in human colon cancer cells**
Icel C., YILMAZ V. T., AYGÜN M., Cevatemre B., Alper P., Ulukaya E.
DALTON TRANSACTIONS, vol.47, no.33, pp.11397-11410, 2018 (SCI-Expanded)
- XX. **Synthesis, structures and anticancer potentials of platinum(II) saccharinate complexes of tertiary phosphines with phenyl and cyclohexyl groups targeting mitochondria and DNA**
YILMAZ V. T., Icel C., Turgut O. R., AYGÜN M., Erkisa M., TÜRKDEMİR M. H., Ulukaya E.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.155, pp.609-622, 2018 (SCI-Expanded)
- XXI. **Structures and biochemical evaluation of silver(I) 5,5-diethylbarbiturate complexes with bis(diphenylphosphino)alkanes as potential antimicrobial and anticancer agents**
YILMAZ V. T., Icel C., Batur J., Aydinlik S., Sahinturk P., AYGÜN M.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.139, pp.901-916, 2017 (SCI-Expanded)
- XXII. **A palladium(II)-saccharinate complex of terpyridine exerts higher anticancer potency and less toxicity than cisplatin in a mouse allograft model**
Cetin Y., Adiguzel Z., Polat H. U., Akkoc T., Tas A., Cevatemre B., Celik G., Carikci B., YILMAZ V. T., Ulukaya E., et al.
ANTI-CANCER DRUGS, vol.28, no.8, pp.898-910, 2017 (SCI-Expanded)

- XXIII. **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., Içsel C., Suyunova F., AYGÜN M., Cevatemre B., Ulukaya E.
NEW JOURNAL OF CHEMISTRY, vol.41, no.16, pp.8092-8106, 2017 (SCI-Expanded)
- XXIV. **Synthesis, structures and biomolecular interactions of new silver(I) 5,5-diethylbarbiturate complexes of monophosphines targeting Gram-positive bacteria and breast cancer cells**
YILMAZ V. T., Içsel C., Batur J., Aydinlik S., CENGİZ M., Buyukgungor O.
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- XXV. **Cytotoxic and apoptotic effects of the combination of palladium (II) 5,5-diethylbarbiturate complex with bis(2-pyridylmethyl)amine and curcumin on non small lung cancer cell lines**
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- XXVII. **Anti-angiogenic effect of a Palladium(II)-Saccharinate Complex of Terpyridine in vitro and in vivo**
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MICROVASCULAR RESEARCH, vol.109, pp.26-33, 2017 (SCI-Expanded)
- XXVIII. **Elucidation of molecular action mechanisms of cytotoxic palladium derivatives on various cancer cells**
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- XXIX. **Preparation of a Novel Nano-scale Lead (II) Zig-Zag Metal-Organic Coordination Polymer with Ultrasonic Assistance: Synthesis, Crystal Structure, Thermal Properties, and NBO Analysis of [Pb(mu-2-pinh)N-3 H2O](n)**
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- XXX. **Apoptosis-inducing Effect of a Palladium(II) Complex-[PdCl(terpy)](sac)center dot 2H2O on Ehrlich Ascites Carcinoma (EAC) in Mice**
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- XXXI. **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., Içsel C., Suyunova F., AYGÜN M., Aztopal N., Ulukaya E.
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- XXXII. **Synthesis, Spectroscopic, Structural and Quantum Chemical Studies of a New Imine Oxime and Its Palladium(II) Complex: Hydrolysis Mechanism**
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- XXXIII. **Synthesis, characterization and structures of solvent-mediated Na(I)-Pd(II) heterometallic complexes containing [Pd(barb)(4)](2-) units (barb=5,5-diethylbarbiturate)**
Içsel C., YILMAZ V. T., Buyukgungor O.
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- XXXV. **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**
Icel C., YILMAZ V. T., Kaya Y., Durmus S., SARIMAHMUT M., Buyukgungor O., Ulukaya E.
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- XXXVI. **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.
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- XXXVII. **Structural, spectroscopic and quantum chemical studies of acetyl hydrazone oxime and its palladium(II) and platinum(II) complexes**
Kaya Y., Icel C., YILMAZ V. T., Buyukgungor O.
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- XXXIX. **Anticancer Effect of a Novel Palladium-Saccharinate Complex of Terpyridine by Inducing Apoptosis on Ehrlich Ascites Carcinoma (EAC) in Balb-C Mice**
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- XL. **Cytotoxic activity of novel palladium-based compounds on leukemia cell lines**
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- XLI. **Coordination complexes and polymers from the initial application of phenyl-2-pyridyl ketone azine in mercury chemistry**
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- XLIII. **BIS(N,N'-BIS(2-HYDROXYETHYL)ETHYLENEDIAMINE)NICKEL(II) SACCHARINATE: SYNTHESIS, CHARACTERIZATION AND CRYSTAL STRUCTURE**
Karadogan A., KARADAĞ A., YILMAZ V. T.
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- XLV. **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., Icel C., YILMAZ V. T., Buyukgungor O.
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- XLVI. **Biochemical and Proteomic Analysis of a Potential Anticancer Agent: Palladium(II) Saccharinate**

Complex of Terpyridine Acting through Double Strand Break Formation

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- CXXIII. **Ethene-trans-1,2-bis(4-pyridinium) dihydrogenphosphite and dihydrogenphosphate compounds exhibiting cooperative and directed hydrogen bonds between cations and anions: H(2)bpe(H₂PO₃)(2) and H(2)bpe(H₂PO₄)(2)center dot H₂O**
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- CXXXIII. **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**
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- CXXXV. **Monoclinic and triclinic concomitant polymorphs of di-mu-pyridazine-1 kappa N-2 : 2 kappa N-2'-bis[(saccharinato)silver(I)]**
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- CXXXIX. **An aqua-bridged helical-chain copper(II)-saccharinato polymer linked into a two-dimensional supramolecular framework**
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- CXLVIII. **Silver(I)-saccharin coordination polymers with 2-pyridylmethanol and 2,6-pyridinedimethanol. Synthetic, spectroscopic, thermal and structural studies of [Ag(sac)(mu-mpy)](n) and [Ag(mu-sac)(dmpy)](n)**
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- CLIV. **Two-dimensional holo- and hemidirected lead(II) coordination polymers: Synthetic, spectroscopic, thermal, and structural studies of [Pb(mu-SCN)(2)(mu-ebp)(1.5)](n) and {[Pb(mu-OAc)(mu-ebp)](ClO4)}(n) (ebp=4,4'-(1E)-ethane-1,2-diyl]bis[pyridine]; OAc = acetato)**
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- CLV. **Bis-(5,5'-diethylbarbiturato)copper(II) and cadmium(II) Complexes with Ethylenediamine**

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- CLVI. **Silver(I) saccharinato complexes with ethylenediamine and N,N-dimethylethylenediamine - [Ag-2(sac)(2)(en)(H₂O)](n) and [Ag-2(sac)(2)(dmen)(2)]**
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- CLVII. **[Hg-2(mu-bpe)(mu-OAc)(2)(mu-SCN)(2)], a new two-dimensional coordination polymer involving three simultaneously bridging ligands: 1,2-bis(4-pyridyl)ethene, acetate, and thiocyanate**
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- 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**
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- CLIX. **Bis-(5,5'-diethylbarbiturato) copper(II) and cadmium(II) complexes with ethylenediamine. Synthesis, crystal structures, spectroscopic and thermal characterization of cis-[Cu(barb)(2)(en)] and {[Cd(barb)(2)(mu-en)]center dot 2H(2)O}(n)**
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- CLX. **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]**
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- CLXI. **Crystal and molecular structure of 3-phenyl-4-(p-chlorobenzylamino)-4,5-dihydro-1-H-1,2,4-triazol-5-on**
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- CLXIV. **1-n-Butyl-2-(4'-fluorophenyl)-1H-benzimidazole-6-carbonitrile**
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- CLXVI. **trans-Tetraaquabis(p-nitrobenzoxasulfamato)cobalt(II)**

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- CLXVIII. **Synthesis, spectral, thermal and structural characterization of $[\text{Cu}(\text{H}_2\text{O})(3)][\text{Cu}(\text{MAL})(2)]$ center dot $2\text{H}(2)\text{O}$ (infinity) and $[\text{Cu}(\text{MAL})(\text{TEA})]$ center dot H_2O (MAL = malonate and TEA = triethanolamine)**
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- CLXIX. **Cobalt(II) complexes of 2-methanol-, 2,6-dimethanol- and 2-ethanolpyridines: syntheses, spectroscopic, thermal and structural characterizations of $[\text{Co}-2(\mu\text{-Cl})(2)(\text{mpy})(4)]\text{Cl}-2$ center dot $2\text{H}(2)\text{O}$, $[\text{Co}(\text{dmpy})(2)]\text{Cl}-2$ and $[\text{Co}(\text{Cl})(4)](\text{Hpyet})(2)$ (mpy=2-methanolpyridine; dmpy=2,6-dimethanolpyridine and Hpyet=2-ethanolpyridinium)**
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- CLXX. **Chlorobis[2-(2-pyridyl)ethanol]copper(II) chloride**
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- CLXXI. **cis-diapubis[2-(hydroxymethyl)pyridine]-nickel(II) dichloride**
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- CLXXII. **Bis(saccharinato-kappa N)zinc(II) complexes with N,N'-bidentate 2-aminomethylpyridine and 2-aminoethylpyridine**
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- CLXXIII. **A one-dimensional lead(II) coordination polymer with bridging saccharinate and 2-aminomethylpyridine ligands: Synthesis, IR spectra, and crystal structure of $[\text{Pb}(\text{ampy})(\mu\text{-sac})(2)](n)$**
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- CLXXIV. **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- $[\text{Cd}(\text{sac})(2)(\text{aepy})(2)]$**
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- CLXXV. **Synthesis, IR spectra, thermal analysis and crystal structures of bis(saccharinato)mercury(II) complexes with 2-aminomethylpyridine and 2-aminoethylpyridine**
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- CLXXVI. **Synthesis, crystal structure, IR spectra and thermal analysis of $\text{Na}[\text{Ag}(\text{sac})(2)]$ (sac = saccharinate)**
 YILMAZ V. T., Hamamci S., Thone C.
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 DEMİR S., YILMAZ V. T., Harrison W.
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- CLXXXIV. **Triethanolammonium dihydrogenphosphate**
 DEMİR S., YILMAZ V. T., Harrison W.
 ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.59, 2003 (SCI-Expanded)
- CLXXXV. **Synthesis, spectra and crystal structure of 2-([3-(methyl {3-[(2-hydroxybenzylidene)amino]propyl}amino)propyl]imino)methyl)phenol copper(II) complex**
 Yilmaz V. T., Degirmencioglu I., Andac O., Karabocek S., Slawin A.
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- II. **Difosfin Ligantları İçeren Nötral ve Katyonik Palladyum(II) ve Platin(II) Sakkarinat Komplekslerinin Sentezi ve Yapıları**
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