

Prof. VEYSEL TURAN YILMAZ

Personal Information

Office Phone: [+90 224 294 1749](tel:+902242941749)

Email: vtyilmaz@uludag.edu.tr

Web: <https://avesis.uludag.edu.tr/vtyilmaz>

International Researcher IDs

ScholarID: 2I6GsQcAAAAJ

ORCID: 0000-0002-2849-3332

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

ScopusID: 7006269202

Yoksis Researcher ID: 2774

Education Information

Doctorate, University of Aberdeen, United Kingdom 1989 - 1991

Postgraduate, Ondokuz Mayıs University, Institute Of Science, Kimya (YI) (Tezli), Turkey 1985 - 1987

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

Foreign Languages

English, C1 Advanced

Research Areas

Bioinorganic Chemistry, Transition Metals, Inorganic Polymers, Coordination Chemistry, Organometallic Chemistry

Academic Titles / Tasks

Professor, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, KİMYA, 2007 - Continues

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

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Novel 5-fluorouracil complexes of Zn(II) with pyridine-based ligands as potential anticancer agents**
İÇSEL YILMAZ C., YILMAZ V. T., AYGÜN M., Erkisa M., ULUKAYA E.
DALTON TRANSACTIONS, vol.51, pp.5208-5217, 2022 (SCI-Expanded)
- II. **Palladium (II) complex and thalidomide intercept angiogenic signaling via targeting FAK/Src and Erk/Akt/PLC gamma dependent autophagy pathways in human umbilical vein endothelial cells**
Aydinlik S., Uvez A., KIYAN H. T., Gurel-Gurevin E., YILMAZ V. T., ULUKAYA E., Armutak E. I.
MICROVASCULAR RESEARCH, vol.138, 2021 (SCI-Expanded)

- III. **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., Büyükköroğlu G., Şenel B., Yılmaz V. T., Ulukaya E.
CHEMISTRY & BIODIVERSITY, vol.18, no.9, 2021 (SCI-Expanded)
- IV. **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., Erkisa M., Aztopal N., Aztopal N., Ertürk E., Erturk E., Ulukaya E., Ulukaya E., Yılmaz V. T., Yılmaz V. T., et al.
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.21, no.14, pp.1850-1860, 2021 (SCI-Expanded)
- V. **New manganese(II), iron(II), cobalt(II), nickel(II) and copper(II) saccharinate complexes of 2,6-bis(2-benzimidazolyl)pyridine as potential anticancer agents**
İÇSEL C., YILMAZ V. T., Aydinlik S., AYGÜN M.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.202, 2020 (SCI-Expanded)
- VI. **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., Celikler S., Yılmaz V. T., Ari F., Ulukaya E.
BIOCHIMIE, vol.175, pp.159-172, 2020 (SCI-Expanded)
- VII. **Zn(ii), Cd(ii) and Hg(ii) saccharinate complexes with 2,6-bis(2-benzimidazolyl)pyridine as promising anticancer agents in breast and lung cancer cell lines via ROS-induced apoptosis**
İÇSEL C., YILMAZ V. T., Aydinlik S., AYGÜN M.
DALTON TRANSACTIONS, vol.49, no.23, pp.7842-7851, 2020 (SCI-Expanded)
- VIII. **Trans-Pd/Pt(II) saccharinate complexes with a phosphine ligand: Synthesis, cytotoxicity and structure-activity relationship**
İÇSEL C., YILMAZ V. T., AYGÜN M., Ulukaya E.
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, vol.30, no.9, 2020 (SCI-Expanded)
- IX. **Cytotoxic platinum(II) complexes derived from saccharinate and phosphine ligands: synthesis, structures, DNA cleavage, and oxidative stress-induced apoptosis**
İÇSEL 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)
- X. **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., İÇSEL C., Turgut O. R., AYGÜN M., Evren E., ÖZDEMİR İ.
INORGANICA CHIMICA ACTA, vol.500, 2020 (SCI-Expanded)
- XI. **Structures and anticancer activity of chlorido platinum(II) saccharinate complexes with mono- and dialkylphenylphosphines**
İÇSEL C., YILMAZ V. T., Cevatemre B., AYGÜN M., Ulukaya E.
JOURNAL OF INORGANIC BIOCHEMISTRY, vol.195, pp.39-50, 2019 (SCI-Expanded)
- XII. **Unfolded Protein Response is Involved in Trans-Platinum (II) Complex-Induced Apoptosis in Prostate Cancer Cells via ROS Accumulation**
KARAKAŞ D., Cevatemre B., ORAL A., YILMAZ V. T., Ulukaya E.
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.19, no.9, pp.1184-1195, 2019 (SCI-Expanded)
- XIII. **Pd(II) and Pt(II) saccharinate complexes of bis(diphenylphosphino) propane/butane: Synthesis, structure, antiproliferative activity and mechanism of action**
YILMAZ V. T., İÇSEL C., AYGÜN M., Erkisa M., Ulukaya E.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.158, pp.534-547, 2018 (SCI-Expanded)
- XIV. **Palladium(II) and platinum(II) saccharinate complexes with bis(diphenylphosphino)methane/ethane: synthesis, S-phase arrest and ROS-mediated apoptosis in human colon cancer cells**
İÇSEL C., YILMAZ V. T., AYGÜN M., Cevatemre B., Alper P., Ulukaya E.
DALTON TRANSACTIONS, vol.47, no.33, pp.11397-11410, 2018 (SCI-Expanded)
- XV. **Synthesis, structures and anticancer potentials of platinum(II) saccharinate complexes of tertiary phosphines with phenyl and cyclohexyl groups targeting mitochondria and DNA**

- YILMAZ V. T., İÇSEL C., Turgut O. R., AYGÜN M., Erkisa M., TÜRKDEMİR M. H., Ulukaya E.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.155, pp.609-622, 2018 (SCI-Expanded)
- XVI. **Structures and biochemical evaluation of silver(I) 5,5-diethylbarbiturate complexes with bis(diphenylphosphino)alkanes as potential antimicrobial and anticancer agents**
YILMAZ V. T., İÇSEL C., Batur J., Aydinlik S., Sahinturk P., AYGÜN M.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.139, pp.901-916, 2017 (SCI-Expanded)
- XVII. **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)
- XVIII. **Synthesis, structures, DNA/protein binding, molecular docking, anticancer activity and ROS generation of Ni(II), Cu(II) and Zn(II) 5,5-diethylbarbiturate complexes with bis(2-pyridylmethyl) amine and terpyridine**
YILMAZ V. T., İÇSEL C., Suyunova F., AYGÜN M., Cevatemre B., Ulukaya E.
NEW JOURNAL OF CHEMISTRY, vol.41, no.16, pp.8092-8106, 2017 (SCI-Expanded)
- XIX. **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., İÇSEL C., Batur J., Aydinlik S., CENGİZ M., BÜYÜKGÜNGÖR O.
DALTON TRANSACTIONS, vol.46, no.25, pp.8110-8124, 2017 (SCI-Expanded)
- XX. **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, vol.25, no.6, pp.1770-1777, 2017 (SCI-Expanded)
- XXI. **Cytotoxic and apoptotic effects of the combination of palladium (II) 5,5-diethylbarbiturate complex with bis(2-pyridylmethyl)amine and curcumin on non small lung cancer cell lines**
Tunc D., DERE E., Karakas D., Cevatemre B., YILMAZ V. T., Ulukaya E.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.25, no.5, pp.1717-1723, 2017 (SCI-Expanded)
- XXII. **Anti-angiogenic effect of a Palladium(II)-Saccharinate Complex of Terpyridine in vitro and in vivo**
Ikitimur-Armutak E. I., Gurel-Gurevin E., KIYAN H. T., Aydinlik S., YILMAZ V. T., Dimas K., Ulukaya E.
MICROVASCULAR RESEARCH, vol.109, pp.26-33, 2017 (SCI-Expanded)
- XXIII. **Preparation of a Novel Nano-scale Lead (II) Zig-Zag Metal-Organic Coordination Polymer with Ultrasonic Assistance: Synthesis, Crystal Structure, Thermal Properties, and NBO Analysis of [Pb(μ -2-pinh)N-3 H₂O](n)**
Mirtamizdoust B., Bienko D. C., Hanifehpour Y., Tiekink E. R. T., YILMAZ V. T., Talemi P., Joo S. W.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.26, no.4, pp.819-828, 2016 (SCI-Expanded)
- XXIV. **Apoptosis-inducing Effect of a Palladium(II) Complex-[PdCl(terpy)](sac)center dot 2H₂O] on Ehrlich Ascites Carcinoma (EAC) in Mice**
Ikitimur-Armutak E. I., Ulukaya E., Gurel-Gurevin E., Yaylim I., Isbilen-Basok B., ŞENNAZLI G., Yuzbasioglu-Ozturk G., SÖNMEZ K., Celik F., Kucukhuseyin O., et al.
IN VIVO, vol.30, no.4, pp.457-464, 2016 (SCI-Expanded)
- XXV. **Synthesis, characterization and structures of solvent-mediated Na(I)-Pd(II) heterometallic complexes containing [Pd(barb)(4)](2-) units (barb=5,5-diethylbarbiturate)**
İÇSEL C., YILMAZ V. T., BÜYÜKGÜNGÖR O.
JOURNAL OF COORDINATION CHEMISTRY, vol.69, no.15, pp.2272-2280, 2016 (SCI-Expanded)
- XXVI. **Ni(II)/Cu(II)/Zn(II) 5,5-diethylbarbiturate complexes with 1,10-phenanthroline and 2,2'-dipyridylamine: synthesis, structures, DNA/BSA binding, nuclease activity, molecular docking, cellular uptake, cytotoxicity and the mode of cell death**
YILMAZ V. T., İÇSEL C., Suyunova F., AYGÜN M., Aztopal N., Ulukaya E.
DALTON TRANSACTIONS, vol.45, no.25, pp.10466-10479, 2016 (SCI-Expanded)
- XXVII. **Synthesis, Spectroscopic, Structural and Quantum Chemical Studies of a New Imine Oxime and Its**

Palladium(II) Complex: Hydrolysis Mechanism

Kaya Y., YILMAZ V. T., BÜYÜKGÜNGÖR O.

MOLECULES, vol.21, no.1, 2016 (SCI-Expanded)

- XXVIII. **Cationic Pd(II)/Pt(II) 5,5-diethylbarbiturate complexes with bis(2-pyridylmethyl)amine and terpyridine: Synthesis, structures, DNA/BSA interactions, intracellular distribution, cytotoxic activity and induction of apoptosis**
İÇSEL C., YILMAZ V. T., Kaya Y., Durmus S., SARIMAHMUT M., BÜYÜKGÜNGÖR O., Ulukaya E.
JOURNAL OF INORGANIC BIOCHEMISTRY, vol.152, pp.38-52, 2015 (SCI-Expanded)
- XXIX. **Structural, spectroscopic and quantum chemical studies of acetyl hydrazone oxime and its palladium(II) and platinum(II) complexes**
Kaya Y., İÇSEL C., YILMAZ V. T., BÜYÜKGÜNGÖR O.
JOURNAL OF MOLECULAR STRUCTURE, vol.1095, pp.51-60, 2015 (SCI-Expanded)
- XXX. **Addition of niclosamide to palladium(II) saccharinate complex of terpyridine results in enhanced cytotoxic activity inducing apoptosis on cancer stem cells of breast cancer**
Karakas D., Cevatemre B., Aztopal N., ARI F., YILMAZ V. T., Ulukaya E.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.23, no.17, pp.5580-5586, 2015 (SCI-Expanded)
- XXXI. **Anti-growth effect of a novel trans-dichloridobis[2-(2-hydroxyethyl)pyridine] platinum (II) complex via induction of apoptosis on breast cancer cell lines**
ORAL A. Y., Cevatemre B., SARIMAHMUT M., İÇSEL C., YILMAZ V. T., Ulukaya E.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.23, no.15, pp.4303-4310, 2015 (SCI-Expanded)
- XXXII. **Anticancer Effect of a Novel Palladium-Saccharinate Complex of Terpyridine by Inducing Apoptosis on Ehrlich Ascites Carcinoma (EAC) in Balb-C Mice**
İkitimur-Armutak E. I., SÖNMEZ K., AKGÜN DAR K., ŞENNAZLI G., KAPUCU A., Yigit F., YILMAZ V. T., Ulukaya E.
ANTICANCER RESEARCH, vol.35, no.3, pp.1491-1497, 2015 (SCI-Expanded)
- XXXIII. **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, vol.26, no.2, pp.180-186, 2015 (SCI-Expanded)
- XXXIV. **New palladium(II) and platinum(II) 5,5-diethylbarbiturate complexes with 2-phenylpyridine, 2,2'-bipyridine and 2,2'-dipyridylamine: synthesis, structures, DNA binding, molecular docking, cellular uptake, antioxidant activity and cytotoxicity**
İÇSEL C., YILMAZ V. T., Kaya Y., ŞAMLI H., Harrison W. T. A., BÜYÜKGÜNGÖR O.
DALTON TRANSACTIONS, vol.44, no.15, pp.6880-6895, 2015 (SCI-Expanded)
- XXXV. **Coordination complexes and polymers from the initial application of phenyl-2-pyridyl ketone azine in mercury chemistry**
Khandar A. A., Ghosh B. K., Lampropoulos C., Gargari M. S., YILMAZ V. T., Bhar K., Hosseini-Yazdi S. A., Cain J. M., Mahmoudi G.
POLYHEDRON, vol.85, pp.467-475, 2015 (SCI-Expanded)
- XXXVI. **BIS(N,N'-BIS(2-HYDROXYETHYL)ETHYLENEDIAMINE)NICKEL(II) SACCHARINATE: SYNTHESIS, CHARACTERIZATION AND CRYSTAL STRUCTURE**
Karadogan A., KARADAĞ A., YILMAZ V. T.
MACEDONIAN JOURNAL OF CHEMISTRY AND CHEMICAL ENGINEERING, vol.34, no.1, pp.101-104, 2015 (SCI-Expanded)
- XXXVII. **Synthesis and crystal structures of new di- and polynuclear silver(I) saccharinate complexes with tertiary monophosphanes**
BÜYÜKGÜNGÖR O., YILMAZ V. T.
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.71, 2015 (SCI-Expanded)
- XXXVIII. **A combined experimental and theoretical investigation of a new imineoxime and its palladium(II) and platinum(II) complexes: Synthesis, structural characterization and spectroscopic properties**
Kaya Y., İÇSEL C., YILMAZ V. T., BÜYÜKGÜNGÖR O.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.133, pp.93-101, 2014 (SCI-Expanded)

- XXXIX. **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, vol.318, pp.206-212, 2014 (SCI-Expanded)
- XL. **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, vol.13, no.11, pp.5240-5249, 2014 (SCI-Expanded)
- XLI. **PALLADIUM (II)-SACCHARINATE COMPLEX OF TERPYRIDINE SEEMS TO BE A PROMISING NOVEL COMPOUND FOR THE TREATMENT OF LUNG CANCER IN VITRO**
Ulukaya E., Karakas D., Ari F., Aztopal N., Ayhan A. C., YILMAZ V. T.
RESPIROLOGY, vol.19, pp.37, 2014 (SCI-Expanded)
- XLII. **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. I. I., Aztopal N., YILMAZ V. T., Ulukaya E.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.22, no.17, pp.4948-4954, 2014 (SCI-Expanded)
- XLIII. **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., BÜYÜKGÜNGÖR O.
JOURNAL OF MOLECULAR STRUCTURE, vol.1074, pp.279-283, 2014 (SCI-Expanded)
- XLIV. **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., BÜYÜKGÜNGÖR O., Khavasi H. R., Ashouri F., Bagherzadeh M.
JOURNAL OF MOLECULAR STRUCTURE, vol.1072, pp.260-266, 2014 (SCI-Expanded)
- XLV. **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, vol.78, pp.24-30, 2014 (SCI-Expanded)
- XLVI. **Breast cancer stem cells are more resistant than parental cells to a novel palladium (II) saccharinate complex**
Karakas D., Aztopal N., Cevatemre B., Ari F., ORAL A. Y., YILMAZ V. T., Ulukaya E.
EUROPEAN JOURNAL OF CANCER, vol.50, 2014 (SCI-Expanded)
- XLVII. **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., İÇSEL C., CENGİZ M., YILMAZ SÜSLÜER S., BÜYÜKGÜNGÖR O.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY B-BIOLOGY, vol.131, pp.31-42, 2014 (SCI-Expanded)
- XLVIII. **Palladium(II) and platinum(II) complexes of a new imineoxime ligand - Structural, spectroscopic and DFT/time-dependent (TD) DFT studies**
Kaya Y., İÇSEL C., YILMAZ V. T., BÜYÜKGÜNGÖR O.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.752, pp.83-90, 2014 (SCI-Expanded)
- XLIX. **Theoretical study of hydrolysis of an imine oxime in aqueous solution and crystal structure and spectroscopic characterization of a platinum(II) complex containing the hydrolysis product**
Kaya Y., YILMAZ V. T.
STRUCTURAL CHEMISTRY, vol.25, no.1, pp.231-238, 2014 (SCI-Expanded)
- L. **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., İÇSEL C., CENGİZ M., YILMAZ SÜSLÜER S., BÜYÜKGÜNGÖR O.
JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY, vol.19, no.1, pp.29-44, 2014 (SCI-Expanded)
- LI. **In vitro DNA binding studies of the sweetening agent saccharin and its copper(II) and zinc(II) complexes**
İÇSEL C., YILMAZ V. T.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY B-BIOLOGY, vol.130, pp.115-121, 2014 (SCI-Expanded)

- LII. **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, vol.25, no.1, pp.17-29, 2014 (SCI-Expanded)
- LIII. **Synthesis, structural characterization and cell death-inducing effect of novel palladium(II) and platinum(II) saccharinate complexes with 2-(hydroxymethyl)pyridine and 2-(2-hydroxyethyl)pyridine on cancer cells in vitro**
ARI F., Aztopal N., İÇSEL C., YILMAZ V. T., Guney E., BÜYÜKGÜNGÖR O., Ulukaya E.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.21, no.21, pp.6427-6434, 2013 (SCI-Expanded)
- LIV. **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 A. Y., SARIMAHMUT M., KUTLU H. M., YILMAZ V. T., Ulukaya E.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.21, no.15, pp.4698-4705, 2013 (SCI-Expanded)
- LV. **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, vol.21, no.11, pp.3016-3021, 2013 (SCI-Expanded)
- LVI. **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, vol.8, no.5, 2013 (SCI-Expanded)
- LVII. **A palladium(II) complex containing both carbonyl and imine oxime ligands: Crystal structure, experimental and theoretical UV-vis, IR and NMR studies**
Kaya Y., İÇSEL C., YILMAZ V. T., BÜYÜKGÜNGÖR O.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.108, pp.133-140, 2013 (SCI-Expanded)
- LVIII. **DNA Binding and Cleavage Studies of Two Palladium(II) Saccharinate Complexes with Terpyridine**
İÇSEL C., YILMAZ V. T.
DNA AND CELL BIOLOGY, vol.32, no.4, pp.165-172, 2013 (SCI-Expanded)
- LIX. **Synthesis, crystal structures, DNA binding and cytotoxicity of two novel platinum(II) complexes containing 2-(hydroxymethyl)pyridine and pyridine-2-carboxylate ligands**
İÇSEL C., YILMAZ V. T., Gölcü A., Ulukaya E., BÜYÜKGÜNGÖR O.
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, vol.23, no.7, pp.2117-2122, 2013 (SCI-Expanded)
- LX. **trans-Dichloridopalladium(II) and platinum(II) complexes with 2-(hydroxymethyl)pyridine and 2-(2-hydroxyethyl)pyridine: Synthesis, structural characterization, DNA binding and in vitro cytotoxicity studies**
İÇSEL C., YILMAZ V. T., ARI F., Ulukaya E., Harrison W. T. A.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.60, pp.386-394, 2013 (SCI-Expanded)
- LXI. **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, vol.394, pp.36-44, 2013 (SCI-Expanded)
- LXII. **Vibrational analyses of 1,3-dibenzoyl-4,5-dihydro-1H-imidazole-2-thione and 1,3-dibenzoyl tetrahydropyrimidine-2(1H)-thione by normal coordinate treatment**
Gumus S., Sundius T., YILMAZ V. T.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.98, pp.384-395, 2012 (SCI-Expanded)
- LXIII. **Experimental and theoretical DFT studies of structure, spectroscopic and fluorescence properties of a new imine oxime derivative**
Kaya Y., YILMAZ V. T., ARSLAN T., BÜYÜKGÜNGÖR O.

JOURNAL OF MOLECULAR STRUCTURE, vol.1024, pp.65-72, 2012 (SCI-Expanded)

- LXIV. **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, vol.46, no.10, pp.4957-4963, 2011 (SCI-Expanded)
- LXV. **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, vol.137, no.10, pp.1425-1434, 2011 (SCI-Expanded)
- LXVI. **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, vol.79, no.5, pp.1171-1178, 2011 (SCI-Expanded)
- LXVII. **Palladium(II) and platinum(II) saccharinate complexes containing pyridine and 3-acetylpyridine: Synthesis, crystal structures, fluorescence and thermal properties**
Guney E., YILMAZ V. T., BÜYÜKGÜNGÖR O.
POLYHEDRON, vol.30, no.12, pp.1968-1974, 2011 (SCI-Expanded)
- LXVIII. **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., BÜYÜKGÜNGÖR O.
JOURNAL OF COORDINATION CHEMISTRY, vol.64, no.1, pp.159-169, 2011 (SCI-Expanded)
- LXIX. **Syntheses, Spectroscopic, Structural, Fluorescent and Thermal Properties of Bis(saccharinato)copper(II) Complexes with two Bis(pyridylamine) Ligands**
Guney E., YILMAZ V. T., ŞENGÜL A., BÜYÜKGÜNGÖR O.
ZEITSCHRIFT FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, vol.637, no.2, pp.246-250, 2011 (SCI-Expanded)
- LXX. **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., BÜYÜKGÜNGÖR O., Ulukaya E.
POLYHEDRON, vol.30, no.1, pp.114-122, 2011 (SCI-Expanded)
- LXXI. **Syntheses, crystal structures, spectroscopic, fluorescence and thermal properties of silver(I) 5,5-diethylbarbiturato complexes with some aminopyridines**
YILMAZ F., YILMAZ V. T., Soyer E., BÜYÜKGÜNGÖR O.
INORGANICA CHIMICA ACTA, vol.363, no.13, pp.3165-3171, 2010 (SCI-Expanded)
- LXXII. **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., BÜYÜKGÜNGÖR O.
INORGANICA CHIMICA ACTA, vol.363, no.11, pp.2416-2424, 2010 (SCI-Expanded)
- LXXIII. **Synthesis, Characterization, Crystal Structures and Thermal and Fluorescence Studies of Dinuclear and Polymeric Silver(I) Complexes of 5,5-Diethylbarbiturate with 2,5-Dimethylpyrazine and Piperazine Involving Ag-Ag Interactions**
Soyer E., YILMAZ F., YILMAZ V. T., BÜYÜKGÜNGÖR O., Harrison W. T. A.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.20, no.2, pp.320-325, 2010 (SCI-Expanded)
- LXXIV. **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., BÜYÜKGÜNGÖR O., Mrozinski J.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.20, no.2, pp.220-228, 2010 (SCI-Expanded)
- LXXV. **Synthesis, Crystal Structure, Magnetic, Thermal and Fluorescent Properties of [Co(H₂O)(4)(nia)(2)](suc)center dot(H(2)suc)**

DEMİR S., YILMAZ V. T., Mrozinski J., Lis T., Holynska M.

ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, vol.65, no.6, pp.695-700, 2010 (SCI-Expanded)

- LXXVI. **A three-dimensional silver(I) coordination polymer involving a new bridging mode of saccharinate**
Guney E., YILMAZ V. T., BÜYÜKGÜNGÖR O.
INORGANIC CHEMISTRY COMMUNICATIONS, vol.13, no.4, pp.563-567, 2010 (SCI-Expanded)
- LXXVII. **Synthesis of PbO nano-particles from a new one-dimensional lead(II) coordination polymer precursor**
Sadeghzadeh H., Morsali A., YILMAZ V. T., BÜYÜKGÜNGÖR O.
MATERIALS LETTERS, vol.64, no.7, pp.810-813, 2010 (SCI-Expanded)
- LXXVIII. **Dimeric and polymeric silver(I) saccharinato complexes of two bis(pyridine) ligands: Synthesis, structural, spectroscopic, fluorescent and thermal properties**
Guney E., YILMAZ V. T., BÜYÜKGÜNGÖR O.
POLYHEDRON, vol.29, no.5, pp.1437-1442, 2010 (SCI-Expanded)
- LXXIX. **Sonochemical synthesis of nano-scale mixed-ligands lead(II) coordination polymers as precursors for preparation of PbO and PbBr(OH) nano-structures: thermal, structural and X-ray powder diffraction studies**
Sadeghzadeh H., Morsali A., YILMAZ V. T., BÜYÜKGÜNGÖR O.
ULTRASONICS SONOCHEMISTRY, vol.17, no.3, pp.592-597, 2010 (SCI-Expanded)
- LXXX. **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, vol.29, no.4, pp.1285-1290, 2010 (SCI-Expanded)
- LXXXI. **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., BÜYÜKGÜNGÖR O.
INORGANICA CHIMICA ACTA, vol.363, no.5, pp.841-845, 2010 (SCI-Expanded)
- LXXXII. **One-dimensional silver(I) 5,5-diethylbarbiturato coordination polymers with N-piperidineethanol and 1,3-bis(4-piperidyl)propane: Syntheses, crystal structures, spectroscopic and thermal properties**
YILMAZ V. T., Soyer E., BÜYÜKGÜNGÖR O.
POLYHEDRON, vol.29, no.2, pp.920-924, 2010 (SCI-Expanded)
- LXXXIII. **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., ŞENGÜL A., BÜYÜKGÜNGÖR O.
INORGANICA CHIMICA ACTA, vol.363, no.2, pp.438-448, 2010 (SCI-Expanded)
- LXXXIV. **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., BÜYÜKGÜNGÖR O.
ZEITSCHRIFT FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, vol.636, pp.610-615, 2010 (SCI-Expanded)
- LXXXV. **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., BÜYÜKGÜNGÖR O.
JOURNAL OF COORDINATION CHEMISTRY, vol.63, no.19, pp.3423-3430, 2010 (SCI-Expanded)
- LXXXVI. **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., BÜYÜKGÜNGÖR O.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.19, no.3, pp.342-347, 2009 (SCI-Expanded)
- LXXXVII. **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., BÜYÜKGÜNGÖR O.

JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.694, no.20, pp.3306-3311, 2009 (SCI-Expanded)

- LXXXVIII. **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, vol.362, no.10, pp.3703-3708, 2009 (SCI-Expanded)

- LXXXIX. **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, vol.929, pp.187-192, 2009 (SCI-Expanded)

- XC. **2D Holodirected lead(II) bromide coordination polymers constructed of rigid and flexible ligands**

Aslani A., Morsali A., YILMAZ V. T., BÜYÜKGÜNGÖR O.

INORGANICA CHIMICA ACTA, vol.362, no.5, pp.1506-1510, 2009 (SCI-Expanded)

- XCI. **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., BÜYÜKGÜNGÖR O.

JOURNAL OF COORDINATION CHEMISTRY, vol.62, no.20, pp.3250-3258, 2009 (SCI-Expanded)

- XCII. **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, vol.693, no.26, pp.3885-3888, 2008 (SCI-Expanded)

- XCIII. **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, vol.11, no.11, pp.1330-1333, 2008 (SCI-Expanded)

- XCIV. **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, vol.18, no.3, pp.407-413, 2008 (SCI-Expanded)

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

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

POLYHEDRON, vol.27, no.6, pp.1761-1766, 2008 (SCI-Expanded)

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

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

POLYHEDRON, vol.27, no.5, pp.1381-1386, 2008 (SCI-Expanded)

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

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

STRUCTURAL CHEMISTRY, vol.19, no.1, pp.123-129, 2008 (SCI-Expanded)

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

YILMAZ F., YILMAZ V. T., KARAKAYA H., BÜYÜKGÜNGÖR O.

ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, vol.63, no.2, pp.134-138, 2008 (SCI-Expanded)

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

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

ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, vol.63, no.2, pp.139-142, 2008 (SCI-Expanded)

- C. **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, vol.64, 2008 (SCI-Expanded)
- CI. **A one-dimensional pyrazine bridged Copper(II)-Saccharinato coordination polymer**
Senel E., YILMAZ V. T., KAZAK C.
ZEITSCHRIFT FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, vol.634, no.3, pp.419-421, 2008 (SCI-Expanded)
- CII. **Synthesis and characterization of one-dimensional coordination polymers, [M(sac)(2)(μ-pyz)(H(2)O)(2)](n) [M=Zn(II), Cd(II), pyz =pyrazine, and sac = saccharinate]**
YILMAZ V. T., Senel E., KAZAK C.
JOURNAL OF COORDINATION CHEMISTRY, vol.61, no.16, pp.2675-2682, 2008 (SCI-Expanded)
- CIII. **Influence of the crystallization solvent on the molecular structures of copper(II) saccharinato complexes with pyridazine: Synthesis, X-ray crystallography, spectroscopy, photoluminescence, and thermal properties**
YILMAZ V. T., Senel E., KAZAK C.
AUSTRALIAN JOURNAL OF CHEMISTRY, vol.61, no.8, pp.634-639, 2008 (SCI-Expanded)
- CIV. **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, vol.63, 2007 (SCI-Expanded)
- CV. **(2,2'-bipyridine)saccharinatosilver(I)**
Yilmaz V. T., Hamamci S., Harrison W. T. A.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.63, 2007 (SCI-Expanded)
- CVI. **(3-aminopyridine-kappa N-1)(saccharinato-kappa N)silver(I)**
Yilmaz V. T., Hamamci S., Kazak C.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.63, 2007 (SCI-Expanded)
- CVII. **One-dimensional pyrazine bridged M(II)-saccharinato coordination polymers: Synthesis, characterization, crystal structures and thermal studies**
YILMAZ V. T., Senel E., Kazak C.
POLYHEDRON, vol.26, no.13, pp.3199-3204, 2007 (SCI-Expanded)
- CVIII. **Synthesis, structural, spectroscopic, thermal and voltammetric properties of 5,5-diethylbarbiturato complexes of zinc with 2-(2-aminoethyl)pyridine and 2-(2-hydroxyethyl)pyridine**
YILMAZ F., YILMAZ V. T., Bicer E., Buyukgungor O.
JOURNAL OF COORDINATION CHEMISTRY, vol.60, pp.777-784, 2007 (SCI-Expanded)
- CIX. **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, vol.9, no.2, pp.149-154, 2007 (SCI-Expanded)
- CX. **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, vol.828, pp.181-187, 2007 (SCI-Expanded)
- CXI. **A tetranuclear μ(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 FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, vol.633, no.2, pp.351-353, 2007 (SCI-Expanded)
- CXII. **Crystal structure of N,N-disalicylidene-(R,S)(S,R)-1,2-ethanediamine**
Ramazania A., Dolatyari L., Morsali A., YILMAZ V. T., Bueyuekgungoer O.
JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, vol.3, no.4, pp.367-370, 2006 (SCI-Expanded)
- CXIII. **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, vol.59, no.17, pp.1937-1944, 2006 (SCI-Expanded)

- CXIV. **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, vol.25, no.15, pp.2829-2840, 2006 (SCI-Expanded)
- CXV. **Ethene-trans-1,2-bis(4-pyridinium) dihydrogenphosphite and dihydrogenphosphate compounds exhibiting cooperative and directed hydrogen bonds between cations and anions: H(2)bpe(H2PO3)(2) and H(2)bpe(H2PO4)(2)center dot H2O**
YILMAZ V. T., DEMİR S., Harrison W. T. A.
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, vol.61, no.9, pp.1067-1071, 2006 (SCI-Expanded)
- CXVI. **Syntheses and characterization of Zn-II and Cd-II coordination polymers, [Zn(μ-bpe)(NO2)(2)](n) and [Cd-2([μ-bpp)(3)(NO2)(4)](n)**
Amiri M. G., Ranjbar Z. R., Morsali A., YILMAZ V. T., Buyukgungor O.
SOLID STATE SCIENCES, vol.8, no.9, pp.1115-1120, 2006 (SCI-Expanded)
- CXVII. **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, vol.794, pp.142-147, 2006 (SCI-Expanded)
- CXVIII. **Metal complexes of saccharin**
Baran E. J., YILMAZ V. T.
COORDINATION CHEMISTRY REVIEWS, vol.250, pp.1980-1999, 2006 (SCI-Expanded)
- CXIX. **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, vol.59, no.10, pp.1123-1130, 2006 (SCI-Expanded)
- CXX. **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, vol.425, pp.361-366, 2006 (SCI-Expanded)
- CXXI. **Synthesis, crystal and molecular structure of 3-phenyl-5-p-tolyl-4(3,4,5-trimethoxybenzylideneamino)-4H-1,2,4-triazole**
Kazak C., YILMAZ V. T., Agar E., Bekircan O.
CRYSTAL RESEARCH AND TECHNOLOGY, vol.41, no.6, pp.607-610, 2006 (SCI-Expanded)
- CXXII. **Synthesis, crystal and molecular structures of 1-n-butyl-2-(3'-chlorophenyl)-1H-benzimidazole-5-carbonitrile hemihydrate and 1-n-butyl-2-(3',4'-dimethoxyphenyl)-1H-benzimidazole-5-carbonitrile**
Kazak C., YILMAZ V. T., Goker H., Kus C.
CRYSTAL RESEARCH AND TECHNOLOGY, vol.41, no.5, pp.528-532, 2006 (SCI-Expanded)
- CXXIII. **Synthesis and characterization of cadmium and mercury saccharinate complexes with 2-dimethylaminoethanol: cis-[Cd(sac)(2)(dmea)(2)] and [Hg(sac)(2)(dmea)(H2O)]**
YILMAZ V. T., Kars V., Kazak C.
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, vol.61, no.5, pp.555-559, 2006 (SCI-Expanded)
- CXXIV. **(3-Hydroxy-2-pyridylmethyl)dimethylammonium dihydrogen phosphate**
DEMİR S., YILMAZ V. T., Harrison W.
ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, vol.62, 2006 (SCI-Expanded)
- CXXV. **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, vol.61, no.3, pp.275-280, 2006 (SCI-Expanded)

- CXXXVI. **Synthesis and structural characterization of a coordination polymer of silver(I) with saccharinate and nicotinamide**

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

STRUCTURAL CHEMISTRY, vol.17, no.1, pp.57-61, 2006 (SCI-Expanded)

- CXXXVII. **Synthesis and characterization of silver(I) saccharinate complexes with pyrazole and imidazole ligands: [Ag(sac)(pz)(H₂O)](n) and [Ag(sac)(im)] center dot 2H₂O**

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

ZEITSCHRIFT FUR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, vol.61, no.2, pp.189-193, 2006 (SCI-Expanded)

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

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

ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, vol.62, 2006 (SCI-Expanded)

- CXXXIX. **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, vol.632, no.3, pp.505-508, 2006 (SCI-Expanded)

- CXXX. **A non-metallic ionic saccharinate. Synthesis, structure and DFT calculations of piperazinium disaccharinate**

Gumus S., Guney S., YILMAZ V. T., Kazak C.

ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, vol.632, pp.1544-1548, 2006 (SCI-Expanded)

- CXXXI. **A novel 1D coordination polymer [Pb(phen)(μ-N-3)(μ-N₃)](n) with the first Pb-2-(μ-N-3)(2) unit (phen=1,10-phenanthroline)**

Marandi F., Mirtamizdoust B., Soudi A. A., YILMAZ V. T., Kazak C.

ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, vol.632, no.15, pp.2380-2382, 2006 (SCI-Expanded)

- CXXXII. **Synthesis, crystal structure, spectroscopic and thermal properties of trans-[Ni(sac)(2)(aeppz)(2)] [sac =accharinate and aeppz N-(2-aminoethyl)piperazine]**

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

JOURNAL OF COORDINATION CHEMISTRY, vol.58, no.18, pp.1667-1674, 2005 (SCI-Expanded)

- CXXXIII. **Unusual template center dot center dot center dot template interactions in organically templated zincophosphate networks: {apyH[Zn(HP₄O)(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, vol.7, no.10, pp.1247-1255, 2005 (SCI-Expanded)

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

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

ZEITSCHRIFT FUR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, vol.60, no.9, pp.978-983, 2005 (SCI-Expanded)

- CXXXV. **A second polymorph of 2-aminopyridinium dihydrogenphosphate**

DEMİR S., YILMAZ V. T., Harrison W.

ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, vol.61, 2005 (SCI-Expanded)

- CXXXVI. **A chiral coordination polymer of silver(I) with saccharinate and pyridine: Synthesis, spectral, thermal, and structural characterization of [Ag(sac)(py)](n)**

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

STRUCTURAL CHEMISTRY, vol.16, no.4, pp.379-383, 2005 (SCI-Expanded)

- CXXXVII. **C-H center dot center dot center dot O, C-H center dot center dot center dot pi and pi-pi interactions**

in three benzofuran-2-yl ketone derivatives

YILMAZ V. T., Kazak C., Kirilmis C., Koca M., Heinemann F.

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

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

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

ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, vol.60, no.6, pp.659-662, 2005 (SCI-Expanded)

- CXXXIX. **1,3-Dibenzoylimidazolidine-2-thione and 1,3-dibenzoyl-3,4,5,6-tetrahydropyrimidine-2(1H)-thione**
Kazak C., YILMAZ V. T., Servi S., Koca M., Heinemann F.

ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, vol.61, 2005 (SCI-Expanded)

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

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

SOLID STATE SCIENCES, vol.7, no.4, pp.423-429, 2005 (SCI-Expanded)

- CXLI. **trans-bis(saccharinato)zinc and -cadmium complexes with N-(2-aminoethyl)piperazine: Synthesis, crystal structures and IR spectra**

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

ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, vol.60, no.4, pp.403-407, 2005 (SCI-Expanded)

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

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

JOURNAL OF COORDINATION CHEMISTRY, vol.58, no.6, pp.549-558, 2005 (SCI-Expanded)

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

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

POLYHEDRON, vol.24, no.5, pp.693-699, 2005 (SCI-Expanded)

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

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

TRANSITION METAL CHEMISTRY, vol.30, no.1, pp.95-102, 2005 (SCI-Expanded)

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

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

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

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

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

HELVETICA CHIMICA ACTA, vol.88, no.9, pp.2513-2522, 2005 (SCI-Expanded)

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

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

ZEITSCHRIFT FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, vol.631, no.9, pp.1577-1579, 2005 (SCI-Expanded)

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

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

ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, vol.631, no.10, pp.1961-1965, 2005 (SCI-Expanded)

- CXLIX. **Bis-(5,5'-diethylbarbiturato) copper(II) and cadmium(II) complexes with ethylenediamine. Synthesis, crystal structures, spectroscopic and thermal characterization of cis-[Cu(barb)(2)(en)] and {[Cd(barb)(2)(mu-en)]center dot 2H(2)O}(n)**

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

ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, vol.631, no.8, pp.1536-1540, 2005 (SCI-Expanded)

- CL. **Synthesis, IR spectra, thermal analysis and crystal structure of a one-dimensional coordination polymer containing both three- and four-coordinate silver(I) centers bridged by both saccharinate and N-(2-hydroxyethyl)piperazine ligands**

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

JOURNAL OF MOLECULAR STRUCTURE, vol.734, pp.191-195, 2005 (SCI-Expanded)

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

YILMAZ V. T., Agar E., Guven K., Kahveci B., ŞAŞMAZ S.

CRYSTAL RESEARCH AND TECHNOLOGY, vol.39, no.9, pp.811-814, 2004 (SCI-Expanded)

- CLII. **Bis(saccharinato)nickel(II) complexes with 2-aminomethyl and -ethylpyridines. Syntheses, crystal structures, spectral and thermal analyses of trans-[Ni(sac-N)(2)(ampy-N,N')(2)] and trans-[Ni(sac-O)(2)(aepy-N,N')(2)]**

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

TRANSITION METAL CHEMISTRY, vol.29, no.5, pp.477-482, 2004 (SCI-Expanded)

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

YILMAZ V. T., Senel E., Kazak C.

SOLID STATE SCIENCES, vol.6, no.8, pp.859-866, 2004 (SCI-Expanded)

- CLIV. **1-n-Butyl-2-(4'-fluorophenyl)-1H-benzimidazole-6-carbonitrile**

Kazak C., YILMAZ V. T., Goker H., Kus C.

ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.60, 2004 (SCI-Expanded)

- CLV. **trans-bis(ethylenediamine)bis(p-nitrobenzoxasulfamato)copper(II)**

Kazak C., YILMAZ V. T., Yazicilar T.

ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.60, 2004 (SCI-Expanded)

- CLVI. **trans-Tetraaquabis(p-nitrobenzoxasulfamato)cobalt(II)**

Kazak C., Yazicilar T., YILMAZ V. T.

ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.60, 2004 (SCI-Expanded)

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

YILMAZ V. T., Senel E., Thone C.

TRANSITION METAL CHEMISTRY, vol.29, no.3, pp.336-342, 2004 (SCI-Expanded)

- CLVIII. **Transition metal complexes of acetamidomalondihydroxamate: Synthesis, spectral, thermal and electrochemical studies**

YILMAZ F., Yilmaz V. T., Topcu S.

JOURNAL OF COORDINATION CHEMISTRY, vol.57, no.6, pp.525-534, 2004 (SCI-Expanded)

- CLIX. **Cobalt(II) complexes of 2-methanol-, 2,6-dimethanol- and 2-ethanolpyridines: syntheses, spectroscopic, thermal and structural characterizations of [Co-2(mu-Cl)(2)(mpy)(4)]Cl-2 center dot 2H(2)O, [Co(dmpy)(2)]Cl-2 and [Co(Cl)(4)](Hpyet)(2) (mpy=2-methanolpyridine; dmpy=2,6-dimethanolpyridine and Hpyet=2-ethanolpyridinium)**

- YILMAZ V. T., Hamamci S., Thone C.
POLYHEDRON, vol.23, no.5, pp.841-848, 2004 (SCI-Expanded)
- CLX. **Chlorobis[2-(2-pyridyl)ethanol]copper(II) chloride**
Hamamci S., YILMAZ V. T., Thone C.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.60, 2004 (SCI-Expanded)
- CLXI. **Bis(saccharinato-kappa N)zinc(II) complexes with N,N'-bidentate 2-aminomethylpyridine and 2-aminoethylpyridine**
YILMAZ V. T., Caglar S., Harrison W.
ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, vol.60, 2004 (SCI-Expanded)
- CLXII. **Synthesis, IR spectra, thermal analysis and crystal structures of bis(saccharinato)mercury(II) complexes with 2-aminomethylpyridine and 2-aminoethylpyridine**
YILMAZ V. T., Caglar S., Harrison W.
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, vol.630, no.10, pp.1512-1516, 2004 (SCI-Expanded)
- CLXIII. **cis-diapauabis[2-(hydroxymethyl)pyridine]-nickel(II) dichloride**
Hamamci S., YILMAZ V. T., Thone C.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.60, 2004 (SCI-Expanded)
- CLXIV. **Trans-bis(saccharinato)cadmium(II) complexes with 2-aminomethylpyridine and 2-aminoethylpyridine - Synthesis, crystal structures, spectral and thermal characterization of trans-[Cd(sac)(2)(ampy)(2)] and trans-[Cd(sac)(2)(aepy)(2)]**
YILMAZ V. T., Caglar S., Harrison W.
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, vol.630, no.7, pp.1126-1130, 2004 (SCI-Expanded)
- CLXV. **A one-dimensional lead(II) coordination polymer with bridging saccharinate and 2-aminomethylpyridine ligands: Synthesis, IR spectra, and crystal structure of [Pb(ampy)(mu-sac)(2)](n)**
YILMAZ V. T., Caglar S., Harrison W.
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, vol.630, no.6, pp.948-951, 2004 (SCI-Expanded)
- CLXVI. **Synthesis, crystal structure, IR spectra and thermal analysis of Na[Ag(sac)(2)] (sac = saccharinate)**
YILMAZ V. T., Hamamci S., Thone C.
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, vol.630, no.11, pp.1641-1644, 2004 (SCI-Expanded)
- CLXVII. **Synthesis, spectra, thermal analysis and crystal structure of a mononuclear oxalato-copper(II) complex with monoethanolamine, [Cu(mea)(2)(ox)]**
YILMAZ V. T., Senel E., Thone C.
JOURNAL OF COORDINATION CHEMISTRY, vol.56, no.16, pp.1417-1423, 2003 (SCI-Expanded)
- CLXVIII. **The first calcium(II) complex with the saccharinate ligand: Synthesis, crystal structure, spectral and thermal characterization of trans-diaquabis[(2-hydroxyethyl)pyridinium]bis(saccharinato)calcium(II) disaccharinate, [Ca(sac)(2)(H2O)2(Hpyet)(2)](sac)(2)**
YILMAZ V. T., Kazak C., Hamamci S.
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, vol.629, no.11, pp.2013-2017, 2003 (SCI-Expanded)
- CLXIX. **Mono- and binuclear copper(II) complexes of saccharin with 2-pyridinepropanol synthesis, spectral, thermal and structural characterization**
YILMAZ V. T., Hamamci S., Andac O., Thone C., Harrison W.
TRANSITION METAL CHEMISTRY, vol.28, no.6, pp.676-681, 2003 (SCI-Expanded)
- CLXX. **An eight-coordinate strontium complex with two tetradentate triethanolamine ligands: synthesis, IR spectra, thermal analysis and crystal structure of bis(triethanolamine)strontium(II) saccharinate**
Kazak C., Hamamci S., Topcu Y., YILMAZ V. T.
JOURNAL OF MOLECULAR STRUCTURE, vol.657, pp.351-356, 2003 (SCI-Expanded)

- CLXXI. **Synthesis, spectra, thermal analysis and crystal structure of trans-bis(2-pyridinepropanol)bis(saccharinato)cobalt(II)**
Hamamci S., YILMAZ V. T., Harrison W.
JOURNAL OF COORDINATION CHEMISTRY, vol.56, no.12, pp.1033-1039, 2003 (SCI-Expanded)
- CLXXII. **Syntheses, spectral, thermal and electrochemical studies of 3-carboxylacetonehydroxamic acid and its iron(II), cobalt(II), nickel(II), copper(II) and zinc(II) complexes**
YILMAZ F., Yilmaz V. T., Topcu S., Menek N.
JOURNAL OF COORDINATION CHEMISTRY, vol.56, no.10, pp.903-911, 2003 (SCI-Expanded)
- CLXXIII. **Triethanolammonium dihydrogenphosphate**
DEMİR S., YILMAZ V. T., Harrison W.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.59, 2003 (SCI-Expanded)
- CLXXIV. **2-(hydroxymethyl)pyridinium dihydrogenphosphate**
DEMİR S., YILMAZ V. T., Harrison W.
ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, vol.59, 2003 (SCI-Expanded)
- CLXXV. **Synthesis, spectra and crystal structure of 2-([3-(methyl {3-[(2-hydroxybenzylidene)amino]propyl}amino)propyl]imino)methyl)phenol copper(II) complex**
YILMAZ V. T., Degirmencioglu I., Andac O., Karabocek S., Slawin A.
JOURNAL OF MOLECULAR STRUCTURE, vol.654, pp.125-129, 2003 (SCI-Expanded)
- CLXXVI. **Synthesis, special and structural characterization of the first Bis-2-pyridylethanol complex of Mn(II), Fe(II), Co(II), Ni(II), Cu(II), and Zn(II) saccharinates: Crystal structures of diaquabis(2-pyridylethanol)iron(II) and copper(II) saccharinates**
YILMAZ V. T., Hamamci S., Thone C.
JOURNAL OF COORDINATION CHEMISTRY, vol.56, no.9, pp.787-795, 2003 (SCI-Expanded)
- CLXXVII. **Trans-bis(saccharinato)cadmium(II) complexes with 2-pyridylethanol: Synthesis, crystal structures, spectral and thermal characterization of [Cd(sac)(2)(pyet)(2)] and Cd(sac)(2)(H₂O)(dmsO)(pyet)]**
YILMAZ V. T., Hamamci S., Thone C.
ZEITSCHRIFT FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, vol.629, no.4, pp.711-715, 2003 (SCI-Expanded)
- CLXXVIII. **Metal complexes of phenylpiperazine-based dithiocarbamate ligands. Synthesis, characterization, spectroscopic, thermal, and antimicrobial activity studies**
YILMAZ V. T., Yazicilar T., Cesur H., Ozkanca R., Maras F.
SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY, vol.33, no.4, pp.589-605, 2003 (SCI-Expanded)
- CLXXIX. **Synthesis, crystal and molecular structure of trans-bis(2-pyridinepropanol)bis(saccharinato)nickel(II)**
YILMAZ V. T., Hamamci S., Thone C.
CRYSTAL RESEARCH AND TECHNOLOGY, vol.38, no.11, pp.992-995, 2003 (SCI-Expanded)
- CLXXX. **A three-dimensional lead(II) polymer with bridging saccharinate and unusually coordinated acetate ligands - Synthesis, IR spectra, and crystal structure of [Pb(H₂O)(μ-OAc)(μ-sac)](n)**
YILMAZ V. T., Hamamci S., Andac O., Guven K.
ZEITSCHRIFT FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, vol.629, no.1, pp.172-176, 2003 (SCI-Expanded)
- CLXXXI. **Synthesis, crystal and molecular structure of 2-pyridylethanolbis(saccharinato)mercury(II)**
YILMAZ V. T., Hamamci S., Thone C.
CRYSTAL RESEARCH AND TECHNOLOGY, vol.37, no.10, pp.1143-1148, 2003 (SCI-Expanded)
- CLXXXII. **Synthesis, spectral and thermal studies of Bis-2,6-dimethanolpyridine complexes of Co(II), Ni(II), Cu(II) and Zn(II) saccharinates: Crystal structures of [Ni(dmpy)(2)](sac)(2)center dot 2H(2)O and [Zn(dmpy)(2)](sac)(2)center dot 2H(2)O**
YILMAZ V. T., Guney S., Andac O., Harrison W.
JOURNAL OF COORDINATION CHEMISTRY, vol.56, no.1, pp.21-32, 2003 (SCI-Expanded)
- CLXXXIII. **trans-Diaquabis(2-pyridylethanol-N,O)nickel(II) disaccharinate**
Hamamci S., YILMAZ V. T., Thone C.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.58, 2002 (SCI-Expanded)

- CLXXXIV. **trans-Diaquabis(2-pyridylethanol-N,O)cobalt(II) disaccharinate**
YILMAZ V. T., Hamamci S., Thone C.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.58, 2002 (SCI-Expanded)
- CLXXXV. **A hydrogen-bonded dimer of a novel Co(II) complex of monoethanolamine with thiocyanate: synthesis, spectra, thermal behaviour and crystal structure**
YILMAZ V. T., Andac O., Karadag A., Harrison W.
JOURNAL OF MOLECULAR STRUCTURE, vol.641, pp.119-124, 2002 (SCI-Expanded)
- CLXXXVI. **Different coordination modes of saccharin in the metal complexes with 2-pyridylmethanol: synthesis, spectroscopic, thermal and structural characterization**
YILMAZ V. T., Guney S., Andac O., Harrison W.
POLYHEDRON, vol.21, no.23, pp.2393-2402, 2002 (SCI-Expanded)
- CLXXXVII. **Bis(p-nitrobenzoxasulfamato) complexes of cadmium(II) and mercury(II) - Synthesis, spectra, and X-ray crystal structures**
YILMAZ V. T., Yazicilar T., Andac O., Kutuk H., Bekdemir Y., Harrison W.
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, vol.628, no.8, pp.1908-1912, 2002 (SCI-Expanded)
- CLXXXVIII. **Bis(2-pyridylmethanol)bis(saccharinato)zinc(II) and -cadmium(II) at 120 K: three-dimensional structures containing both N-and O-coordinated ambidentate saccharinate ligands**
YILMAZ V. T., Guney S., Andac O., Harrison W.
ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, vol.58, 2002 (SCI-Expanded)
- CLXXXIX. **Mixed-ligand metal succinate complexes with 1,10-phenanthroline and ethylenediamine: Synthesis, characterization, spectroscopic and thermal studies. Crystal structure of succinatocobalt(II) complex with phenanthroline**
YILMAZ V. T., DEMİR S., Andac O., Harrison W.
JOURNAL OF COORDINATION CHEMISTRY, vol.55, no.8, pp.863-872, 2002 (SCI-Expanded)
- CXC. **Synthesis, characterization and spectral studies of triethanolamine complexes of metal saccharinates. Crystal structures of [Co(TEA)(2)](SAC)(2) and [Cu-2(mu-TEA)2(SAC)(2)]center dot 2(CH3OH)**
Topcu Y., Andac O., YILMAZ V. T., Harrison W.
JOURNAL OF COORDINATION CHEMISTRY, vol.55, no.7, pp.805-815, 2002 (SCI-Expanded)
- CXCI. **trans-Diaquabis[2-(2-pyridyl)ethanol-kappa N-2,O]zinc(II) disaccharinate**
Hamamci S., YILMAZ V. T., Thone C.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.58, 2002 (SCI-Expanded)
- CXCII. **N-(2-Hydroxyethyl)ethylene-diammonium hydrogenphosphate monohydrate**
DEMİR S., YILMAZ V. T., Andac O., Harrison W.
ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, vol.58, 2002 (SCI-Expanded)
- CXCIII. **Different coordination modes of saccharin in the complexes of lead(II) with 2-pyridylmethanol and pyridine-2,6-dimethanol - Synthesis, spectral and structural characterization**
YILMAZ V. T., Guney S., Thone C.
ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE, vol.628, no.6, pp.1406-1410, 2002 (SCI-Expanded)
- CXCIV. **Synthesis, molecular and crystal structure of bis(triethanolamine)manganese(II) saccharinate: a seven-coordinate manganese complex with tri- and tetradentate triethanolamine ligands**
Topcu Y., Andac O., YILMAZ V. T., Harrison W.
JOURNAL OF MOLECULAR STRUCTURE, vol.610, pp.99-103, 2002 (SCI-Expanded)
- CXCV. **Metal complexes of saccharin with the N-(2-hydroxyethyl)-ethylenediamine ligand: Synthesis, characterization and spectroscopic examination. Crystal structures of trans-bis(saccharinato)bis{N-(2-hydroxyethyl)-ethylenediamine} copper(II) and cadmium(II)**
YILMAZ V. T., Karadag A., Thone C.
JOURNAL OF COORDINATION CHEMISTRY, vol.55, no.6, pp.609-618, 2002 (SCI-Expanded)
- CXCVI. **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, vol.608, no.1, pp.71-76, 2002 (SCI-Expanded)
- CXCVII. **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, vol.604, pp.239-244, 2002 (SCI-Expanded)
- CXCVIII. **Thermal decomposition of triethanolamine and monoethanolethylenediamine complexes of some transition metal saccharinates**
 YILMAZ V. T., Topcu Y., Karadag A.
 THERMOCHIMICA ACTA, vol.383, pp.129-135, 2002 (SCI-Expanded)
- CXCIX. **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, vol.58, 2002 (SCI-Expanded)
- CC. **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, vol.58, 2002 (SCI-Expanded)
- CCI. **Synthesis and structure of trans-bis(ethanolamine)bis(saccharinato)mercury(II)**
 Topcu Y., Andac O., YILMAZ V. T., Harrison W.
 CRYSTAL RESEARCH AND TECHNOLOGY, vol.37, no.5, pp.509-513, 2002 (SCI-Expanded)
- CCII. **Sodium p-nitrobenzoxasulfamate monohydrate**
 Yazicilar T., Andac O., Bekdemir Y., Kutuk H., YILMAZ V. T., Harrison W.
 ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, vol.58, 2002 (SCI-Expanded)
- CCIII. **Bis(triethanolamine)cadmium(II) and -mercury(II) saccharinates: seven-coordinate complexes containing both tri- and tetradentate triethanolamine ligands**
 Andac O., Topcu Y., YILMAZ V. T., Guven K.
 ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, vol.57, pp.1381-1384, 2001 (SCI-Expanded)
- CCIV. **Bis(triethanolamine-N,O,O')zinc(II) disaccharinate**
 Topcu Y., YILMAZ V. T., Thone C.
 ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.57, 2001 (SCI-Expanded)
- CCV. **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, vol.20, pp.3209-3217, 2001 (SCI-Expanded)
- CCVI. **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, vol.31, no.8, pp.1421-1432, 2001 (SCI-Expanded)
- CCVII. **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)]**
 Karadag A., YILMAZ V. T., Thoene C.
 POLYHEDRON, vol.20, pp.635-641, 2001 (SCI-Expanded)
- CCVIII. **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, vol.57, pp.271-272, 2001 (SCI-Expanded)

- CCIX. **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, vol.57, 2001 (SCI-Expanded)
- CCX. **Decomposition of rhodium and iridium complexes of tripodal phosphine derivatives studied by thermal analysis**
YILMAZ V. T., Sulu M., Yazicilar T.
THERMOCHIMICA ACTA, vol.366, no.1, pp.71-78, 2001 (SCI-Expanded)
- CCXI. **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, vol.31, no.7, pp.1271-1283, 2001 (SCI-Expanded)
- CCXII. **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, vol.560, pp.9-13, 2001 (SCI-Expanded)
- CCXIII. **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, vol.30, no.12, pp.767-771, 2000 (SCI-Expanded)
- CCXIV. **trans-Bis(diethanolamine)bis(isothio-cyanato)nickel(II)**
YILMAZ V. T., Karadag A., Thone C., Herbst-Irmer R.
ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, vol.56, pp.948-949, 2000 (SCI-Expanded)
- CCXV. **Thermal decomposition of Hofmann-type complexes of di- and triethanolamine**
YILMAZ V. T., Karadag A.
THERMOCHIMICA ACTA, vol.348, pp.121-127, 2000 (SCI-Expanded)
- CCXVI. **Thermal studies of transition metal complexes of acetylsalicylhydroxamic acid**
Yilmaz V. T., YILMAZ F.
THERMOCHIMICA ACTA, vol.348, pp.139-146, 2000 (SCI-Expanded)
- CCXVII. **Preparation and infrared spectroscopic examination of Hofmann-type di- and triethanolamine complexes**
Karadag A., YILMAZ V. T.
SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY, vol.30, no.2, pp.359-368, 2000 (SCI-Expanded)
- CCXVIII. **Acetylsalicylhydroxamic acid and its cobalt(II), nickel(II), copper(II) and zinc(II) complexes**
Yilmaz V. T., YILMAZ F.
TRANSITION METAL CHEMISTRY, vol.24, no.6, pp.726-729, 1999 (SCI-Expanded)
- CCXIX. **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, vol.335, pp.93-98, 1999 (SCI-Expanded)
- CCXX. **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, vol.29, no.4, pp.621-633, 1999 (SCI-Expanded)
- CCXXI. **Preparation and spectroscopic examination of new mixed-ligand 1,10-phenantroline, phenylhydrazine and benzdine 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, vol.29, no.3, pp.407-417, 1999 (SCI-Expanded)

- CCXXII. **Crystal structure of dichlorodiaquabis-(p-dimethylaminobenzaldehyde)manganese(II)**
YILMAZ V. T., Yazicilar T., Olmez H., Howie R.
TURKISH JOURNAL OF CHEMISTRY, vol.22, no.3, pp.273-278, 1998 (SCI-Expanded)
- CCXXIII. **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, vol.53, no.3, pp.843-854, 1998 (SCI-Expanded)
- CCXXIV. **Crystal and molecular structure of tris(2,6-dichlorophenyl) thiophosphate**
YILMAZ V. T., Odabasoglu M., Howie R.
TURKISH JOURNAL OF CHEMISTRY, vol.22, no.4, pp.409-413, 1998 (SCI-Expanded)
- CCXXV. **Preparation, characterization and thermal reactivity of N,N-dimethylformamide complexes of some transition metal chlorides**
YILMAZ V. T., Topcu Y.
THERMOCHIMICA ACTA, vol.307, no.2, pp.143-147, 1997 (SCI-Expanded)
- CCXXVI. **Bis[tris(2-hydroxyethyl)ammonium] hexachloroplatinate(IV)**
YILMAZ V. T., Icbudak H., Howie R.
ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, vol.53, pp.294-296, 1997 (SCI-Expanded)
- CCXXVII. **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, vol.27, no.6, pp.825-833, 1997 (SCI-Expanded)
- CCXXVIII. **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, vol.27, no.10, pp.1517-1525, 1997 (SCI-Expanded)
- CCXXIX. **Thermal decomposition behaviour of some trivalent transition and inner-transition metal complexes of triethanolamine**
Icbudak H., YILMAZ V. T., Olmez H.
THERMOCHIMICA ACTA, vol.289, no.1, pp.23-32, 1996 (SCI-Expanded)
- CCXXX. **Thermal decomposition characteristics of ammonium hexachlorometallate(IV) complex salts of platinum metals**
YILMAZ V. T., Icbudak H.
THERMOCHIMICA ACTA, vol.276, pp.115-122, 1996 (SCI-Expanded)
- CCXXXI. **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, vol.44, no.2, pp.129-131, 1996 (SCI-Expanded)
- CCXXXII. **Molecular structure of 2'-hydroxy-3'-methoxy-5'-allyl-4-methylazobenzene**
YILMAZ V. T., ŞAŞMAZ S., Gumrukcuoglu I., Howie R.
TURKISH JOURNAL OF CHEMISTRY, vol.20, no.2, pp.153-158, 1996 (SCI-Expanded)
- CCXXXIII. **Crystal structure of tris(2-hydroxyethyl)ammonium bromide**
YILMAZ V. T., Icbudak H., Olmez H., Howie R.
TURKISH JOURNAL OF CHEMISTRY, vol.20, no.1, pp.69-73, 1996 (SCI-Expanded)
- CCXXXIV. **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, vol.51, pp.1759-1761, 1995 (SCI-Expanded)
- CCXXXV. **THERMAL-DECOMPOSITION OF BETA-CYCLODEXTRIN INCLUSION COMPLEXES OF FERROCENE AND THEIR DERIVATIVES**

- YILMAZ V. T., KARADAG A., ICBUDAK H.
THERMOCHIMICA ACTA, vol.261, pp.107-118, 1995 (SCI-Expanded)
- CCXXXVI. **THERMAL DECOMPOSITIONS OF SOME DIVALENT TRANSITION-METAL COMPLEXES OF TRIETHANOLAMINE**
ICBUDAK H., YILMAZ V. T., OLMEZ H.
JOURNAL OF THERMAL ANALYSIS, vol.44, no.3, pp.605-615, 1995 (SCI-Expanded)
- CCXXXVII. **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, vol.19, no.3, pp.236-241, 1995 (SCI-Expanded)
- :CCXXXVIII. **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, vol.244, pp.85-92, 1994 (SCI-Expanded)
- CCXXXIX. **CORROSION-INHIBITORS FOR MILD-STEEL - STANNOUS TIN (SNII) IN ORDINARY PORTLAND-CEMENT**
SAGOECRENTSIL K., GLASSER F., YILMAZ V. T.
CEMENT AND CONCRETE RESEARCH, vol.24, no.2, pp.313-318, 1994 (SCI-Expanded)
- CCXL. **CORROSION INHIBITION OF STEEL IN CONCRETE BY CARBOXYLIC-ACIDS**
SAGOECRENTSIL K., YILMAZ V. T., GLASSER F.
CEMENT AND CONCRETE RESEARCH, vol.23, no.6, pp.1380-1388, 1993 (SCI-Expanded)
- CCXLI. **QUANTITATIVE-DETERMINATION OF TRIETHANOLAMINE IN CEMENTS**
YILMAZ V. T., MENEK N., ODABASOGLU M.
CEMENT AND CONCRETE RESEARCH, vol.23, no.3, pp.603-608, 1993 (SCI-Expanded)
- CCXLII. **THE DEGRADATION OF CEMENT SUPERPLASTICIZERS IN A HIGH ALKALINE-SOLUTION**
YILMAZ V. T., ODABASOGLU M., ICBUDAK H., OLMEZ H.
CEMENT AND CONCRETE RESEARCH, vol.23, no.1, pp.152-156, 1993 (SCI-Expanded)
- CCXLIII. **CHEMICAL ATTACK ON ALKALI-RESISTANT GLASS-FIBERS IN A HYDRATING CEMENT MATRIX - CHARACTERIZATION OF CORROSION PRODUCTS**
YILMAZ V. T.
JOURNAL OF NON-CRYSTALLINE SOLIDS, vol.151, no.3, pp.236-244, 1992 (SCI-Expanded)
- CCXLIV. **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, vol.22, no.4, pp.663-670, 1992 (SCI-Expanded)
- CCXLV. **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, vol.27, no.12, pp.3400-3404, 1992 (SCI-Expanded)
- CCXLVI. **CHEMICAL AND MICROSTRUCTURAL CHANGES AT ALKALI-RESISTANT GLASS FIBER-CEMENT INTERFACES**
YILMAZ V. T., LACHOWSKI E., GLASSER F.
JOURNAL OF THE AMERICAN CERAMIC SOCIETY, vol.74, no.12, pp.3054-3060, 1991 (SCI-Expanded)
- CCXLVII. **EARLY HYDRATION OF TRICALCIUM ALUMINATE-GYPSUM MIXTURES IN THE PRESENCE OF SULFONATED MELAMINE FORMALDEHYDE SUPERPLASTICIZER**
YILMAZ V. T., GLASSER F.
CEMENT AND CONCRETE RESEARCH, vol.21, no.5, pp.765-776, 1991 (SCI-Expanded)
- CCXLVIII. **REACTION OF ALKALI-RESISTANT GLASS-FIBERS WITH CEMENT .2. DURABILITY IN CEMENT MATRICES CONDITIONED WITH SILICA FUME**
YILMAZ V. T., GLASSER F.
GLASS TECHNOLOGY, vol.32, no.4, pp.138-147, 1991 (SCI-Expanded)

- CCXLIX. **CRYSTALLIZATION OF CALCIUM HYDROXIDE IN THE PRESENCE OF SULFONATED MELAMINE FORMALDEHYDE SUPERPLASTICIZER**
YILMAZ V. T., GLASSER F.
JOURNAL OF MATERIALS SCIENCE LETTERS, vol.10, no.12, pp.712-715, 1991 (SCI-Expanded)
- CCL. **REACTION OF ALKALI-RESISTANT GLASS-FIBERS WITH CEMENT .1. REVIEW, ASSESSMENT, AND MICROSCOPY**
YILMAZ V. T., GLASSER F.
GLASS TECHNOLOGY, vol.32, no.3, pp.91-98, 1991 (SCI-Expanded)
- CCLI. **INFRARED STUDY ON THE REFINEMENT OF PHOSPHOGYPSUM FOR CEMENTS**
OLMEZ H., YILMAZ V. T.
CEMENT AND CONCRETE RESEARCH, vol.18, no.3, pp.449-454, 1988 (SCI-Expanded)

Books & Book Chapters

- I. **Anorganik Kimya**
Halis Ö., YILMAZ V. T.
Marmara Kitap Merkezi, 2011

Refereed Congress / Symposium Publications in Proceedings

- I. **The anti-angiogenic effect of the Palladium(II) Complex-[PdCl(terpy)](sac).2H₂O] on HUVECs tube formation and in vivo CAM assay**
ÜVEZ A., AYDINLIK Ş., KIYAN H. T., GÜREL GÜREVİN E., ULUKAYA E., YILMAZ V. T., ARMUTAK E. İ.
7. Multidisipliner Kanser Araştırma ve 1. Temel Onkoloji Kongresi, 11 - 14 October 2018, pp.201
- II. **Cu (II) 5,5-dietilbarbitürat Kompleksinin İnsan Meme Kanseri Hücreleri Üzerindeki Sitotoksik ve Apoptotik Etkilerinin Araştırılması**
Alioğlu İ., YILMAZ V. T., ARI F.
International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), 26 - 27 April 2018
- III. **Palladium nanoparticles selectively induce apoptosis in lung cancer cells through reactive oxygen species.**
Erkisa M., BÜYÜKKÖROĞLU G., ŞENEL B., YILMAZ V. T., ULUKAYA E., ARI F.
XV.Ulusal Tıbbi Biyoloji ve Genetik Kongresi (Uluslararası katılımlı), Fethiye, Turkey, 26 - 29 October 2017, pp.204
- IV. **Prostat kanserinde palladyum (II) kompleksi ve microRNA Ekspresyonu**
ŞAMLI H., VATANSEVER B., ŞAMLI M., AZTOPAL N., YILMAZ V. T., DİNÇEL D.
XV. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, FETHİYE, Turkey, 26 - 29 October 2017
- V. **Palladium Incorporated Micelle: A Promising Material for Future Non-Small Cell Lung Cancer.**
Erkisa M., BÜYÜKKÖROĞLU G., ŞENEL B., YILMAZ V. T., ULUKAYA E., ARI F.
VI. International Congress of Molecular Medicine, İstanbul, Turkey, 22 - 25 May 2017
- VI. **PALLADIUM INCORPORATED MICELLE: A PROMISING MATERIAL FOR FUTURE NON-SMALL CELL LUNG CANCER**
ERKISA M., BÜYÜKKÖROĞLU G., ŞENEL B., YILMAZ V. T., ULUKAYA E., ARI F.
VI. International Congress of Molecular Medicine Molecular Medicine from the Update Till The Future, İstanbul, Turkey, 22 - 25 May 2017, pp.272
- VII. **Palladium Incorporated Micelle: A Promising Material For Future Non-Small Cell Lung Cancer**
Erkisa M., BÜYÜKKÖROĞLU G., ŞENEL B., YILMAZ V. T., ULUKAYA E., ARI F.
VI. International Congress of Molecular Medicine : Molecular Medicine From the Updates Till The Future, İstanbul, Turkey, 22 - 25 May 2017
- VIII. **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, Turkey, 18 - 21 May 2017

- IX. **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, Turkey, 18 - 21 May 2017
- X. **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, Turkey, 18 - 21 May 2017
- XI. **Autophagy inhibition enhances Palladium II barbiturate complex induced apoptosis in prostate cancer**
Erkisa M., ARI F., Aydınlık Ş., CEVATEMRE B., Aztopal N., YILMAZ V. T., ULUKAYA E.
6. Multidisipliner Kanser Araştırma Kongresi, 27 - 30 October 2016
- XII. **Inhibition of the Wnt signalling pathway sensitizes breast cancer stem cells to Pd II complex induced apoptosis**
Aztopal N., Karakaş D., CEVATEMRE B., ARI F., YILMAZ V. T., ULUKAYA E.
6. Multidisipliner Kanser Araştırma Kongresi, 27 - 30 October 2016
- XIII. **GENOTOXIC ACTIVITY OF PALLADIUM II SACCHARINATE COMPLEX OF TERPYRIDINE ON BREAST CANCER STEM CELLS**
ÇELİKLER KASIMOĞULLARI S., bozdemir s., karakaş d., ARI F., aztopal n., YILMAZ V. T., ULUKAYA E.
6. Multidisipliner kanser araştırma Kongresi, 27 - 30 October 2016
- XIV. **Proteomic analysis of the palladium II saccharinate complex of terpyridine in breast cancer stem cells**
ULUKAYA E., BAYKAL A. T., Acilan C., Aztopal N., Karakaş D., ARI F., YILMAZ V. T.
4th International Bau Drug Design Congress, 13 - 15 October 2016
- XV. **Safety disposition and efficacy assesment of a palladium based compound as part of preclinical drug development stage**
DURMUŞ ERİM S., Unal O., Rh K., İcsele c., YILMAZ V. T., Yagcı A., ULUKAYA E., Tellinggen V. O., Oh S.
4th International Bau Drug Design Congress, 13 - 15 October 2016
- XVI. **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, United States Of America, 2 - 06 October 2016
- XVII. **Preclinical assessment of a novel palladium based anticancer drug candidate Assessing its metabolism pharmacokinetics and interaction with drug transporters**
DURMUŞ ERİM S., Unal O., Khodadust R., İcsele c., YILMAZ V. T., Yağcı A., ULUKAYA E., Tellinggen V. O., OH S.
The 21st International Symposium on Microsomes and Drug Oxidations (MDO2016), 2 - 06 October 2016
- XVIII. **Targeting cancer stem cells by inhibiting WNT pathway combination of Pd II complex and niclosamide**
Aydınlık Ş., Erkisa M., CEVATEMRE B., ARI F., YILMAZ V. T., ULUKAYA E., Aztopal N.
In vitro evaluation of compounds with anticancer potential COST Action CM1407, 24 - 26 September 2016
- XIX. **Elucidation of molecular action mechanisms of cytotoxic palladium derivatives on various cancer cells**
Kaçar ö., Hatipoğlu İ., YILMAZ V. T., Arda N., ULUKAYA E., ACILAN C.
EACR 24, 9 - 12 July 2016
- XX. **Targeting breast cancer stem cells by inhibiting Wnt pathway Combination of Pd II complex and niclosamide**
ULUKAYA E., Erkisa M., Aydınlık Ş., CEVATEMRE B., ARI F., YILMAZ V. T.
EACR 24, 9 - 12 July 2016

- XXI. **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 May 2016
- XXII. **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. F., ULUKAYA E., Oh v. T., Şahin O.
Transporter Conference, 11 - 13 May 2016
- XXIII. **Palladium II Saccharinate Complex of Terpyridine Against TheCancer Stem Cells**
ULUKAYA E., Aztopal N., Karakaş D., CEVATEMRE B., Erkisa M., Aydınlık Ş., YILMAZ V. T.
CHEMICAL APPROACHES TO TARGETING DRUGRESISTANCE IN CANCER STEM CELLS, 10 - 11 March 2016
- XXIV. **Palladium II Based Novel Approach to Kill Cancer Stem Cells of Breast Cancer**
ULUKAYA E., AYDINLIK Ş., ERKISA M., ARI F., YILMAZ V. T.
ESMO Asia, 2015 Congress, 13 - 21 December 2015
- XXV. **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, Singapore, 18 - 21 December 2015, vol.26, pp.154-155
- XXVI. **Prostat Kanserinde Palladyum II Kompleksinin Otofaji İnhibisyonu ile Artan Sitotoksik Etkisi**
ERKISA M., AYDINLIK Ş., CEVATEMRE B., AZTOPAL N., ARI F., YILMAZ V. T., ULUKAYA E.
27. Ulusal Biyokimya Kongresi, Turkey, 3 - 06 November 2015
- XXVII. **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 October 2015
- XXVIII. **Addition of Curcumin to a Palladium II Barbiturate Complex enhances the cytotoxic apoptotic activity on non small cell lung carcinoma cells**
Duygu T., Didem K., CEVATEMRE B., Nazlıhan a., Pınar A., YILMAZ V. T., ULUKAYA E.
2nd Congress of Serbian Association for Cancer Research, 2 - 03 October 2015
- XXIX. **Autophagy Inhibition with Chloroquine Enhances Cytotoxicity Of Palladium II Barbiturate Complex In Prostate Cancer**
Merve E., Şeyma A., CEVATEMRE B., Nazlıhan A., Ferda A., YILMAZ V. T., ULUKAYA E.
2nd Congress of Serbian Association for Cancer Research, 2 - 03 October 2015
- XXX. **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 May 2015
- XXXI. **Autophagy inhibitor chloroquine increases cytotoxicity of pd II complex in colorectal cell lines**
ERKISA M., AYDINLIK Ş., ARI F., YILMAZ V. T., ULUKAYA E.
EACR-Sponsored 2nd Anticancer Agents Congress, 18 - 19 May 2015
- XXXII. **Palladyum II kompleksi ve niklozamid kombinasyonunun meme kanseri kanser kök hücreleri üzerindeki in vitro güçlü sitotoksik apoptotik etkileri**
ULUKAYA E., KARAKAŞ D., CEVATEMRE B., AZTOPAL N., ARI F., YILMAZ V. T.
21.Ulusal Kanser Kongresi, Turkey, 22 - 26 April 2015
- XXXIII. **Mammospheres Cancer Stem Cell Enriched Population in Breast Cancer Show Resistance Against A Palladium II Saccharinate Complex of Terpyridine**
Didem K., CEVATEMRE B., Nazlıhan A., YILMAZ V. T., ULUKAYA E.
COST CM1106 Working Group Meeting, 26 - 27 March 2015
- XXXIV. **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, Turkey, 20 - 22 March 2015

- XXXV. **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, Turkey, 30 May - 02 June 2013
- XXXVI. **Tersiyer Fosfin Ligantı İçeren Polimerik Gümüş(I) Sakkarinat Kompleksinin Sentezi, Kristal Yapısı, DNA Bağlanma ve Biyolojik Aktivite Çalışmaları**
GÖÇMEN E., İÇSEL C., YILMAZ V. T.
IV. Ulusal Anorganik Kimya Kongresi, Turkey, 30 May - 02 June 2013
- XXXVII. **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, Turkey, 13 - 16 December 2012
- XXXVIII. **Anorganik Kimya Araştırma Laboratuvarları**
İrez G., YILMAZ V. T., AYDIN R., MUTLU GENÇKAL H.
Uludağ Üniversitesi I. Bilgilendirme ve AR-GE Günleri, Bursa, Turkey, 15 - 16 November 2011, pp.283
- XXXIX. **Uygulamalı Kimya Araştırma Laboratuvarları**
İrez G., YILMAZ V. T., MUTLU GENÇKAL H.
Uludağ Üniversitesi I. Bilgilendirme ve AR-GE Günleri, Bursa, Turkey, 15 - 16 November 2011, pp.284
- XL. **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., İkitimur 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, Sweden, 23 - 27 September 2011, vol.47
- XLI. **Piridin varlığındaki palladyum(II) ve platin(II) sakkarinat komplekslerinin sentezi, kristal yapıları, termik ve floresans özellikleri**
İÇSEL C., GÜNEY E., YILMAZ V. T.
III. Ulusal Anorganik Kimya Kongresi, Çanakkale, Turkey, 19 - 22 May 2011

Patent

Yılmaz V. T., Ulukaya E., Armutak E. İ., Gürel Gürevin E., Kıyan H. T., BİR PALLADYUM (II) [PdCl(terpi)](sak).2H2O KOMPLEKSİNİN IN VIVO ANTIANGİYOGENİK ETKİSİ, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: 2016/01308 , Standard Registration, 2019

Yılmaz V. T., İçsel C., Ulukaya E., Dimas K., A PALLADIUM COMPLEX WITH HIGH ANTICANCER ACTIVITY- , Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: EP3140311 (B1) , Standard Registration, 2018

Yılmaz V. T., İçsel C., Ulukaya E., Dimas K., Yüksek antikanser etkili bir palladyum kompleksi, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: 2014/05244 , Standard Registration, 2017

Yılmaz V. T., İçsel C., Ulukaya E., Dimas K., A PALLADIUM COMPLEX WITH HIGH ANTICANCER ACTIVITY , Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: US9839643 , Standard Registration, 2017

Yılmaz V. T., Ulukaya E., Armutak E. İ., Gürel Gürevin E., Kıyan H. T., IN VIVO ANTIANGİOGENIC EFFECT OF A PALLADIUM COMPLEX , Patent, CHAPTER C Chemistry; Metallurgy, The Invention Recourse Number: EP3173083 , Standard Registration, 2015

Yılmaz V. T., Ulukaya E., Düşük dozlarda anti-kanser aktivite gösteren yeni palladyum bileşikleri, Patent, CHAPTER A Human Needs, The Invention Registration Number: 2011/00198 , Standard Registration, 2013

Metrics

Publication: 301

Citation (WoS): 4396

Citation (Scopus): 4288

H-Index (WoS): 31

H-Index (Scopus): 32

Awards

Yılmaz V. T., Turkishtime, May 2021