

Prof. AYLA BALABAN GÜNDÜZALP

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AHE-8778-2022

ScopusID: 23018802900

Yoksis Researcher ID: 133473

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, 2-Piridinkarbaldehittiyosemikarbazon Schiff Bazının Çeşitli Geçiş Metali Komplekslerinin Sentezi ve Yapılarının Aydınlatılması, Gazi University, Fen Bilimleri Enstitüsü, Kimya (Dr), 1999

Research Areas

Chemistry, Inorganic Chemistry, Bioinorganic Chemistry, Transition Metals, Coordination Chemistry, Novel Ligands, Natural Sciences

Academic Titles / Tasks

Professor, Gazi University, Fen Fakültesi, Kimya, 2018 - Continues

Associate Professor, Gazi University, Fen Fakültesi, Kimya, 2013 - Continues

Assistant Professor, Gazi University, Fen Fakültesi, Kimya, 2007 - Continues

Research Assistant, Gazi University, Fen Fakültesi, Kimya, 1994 - 2007

Academic and Administrative Experience

Erasmus Coordinator, Gazi University, Fen Fakültesi, Kimya Bölümü, 2017 - 2021

Courses

Bilgisayarla Molekül Modelleme, Undergraduate, 2023 - 2024

ANORGANİK KİMYA LABORATUVARI, Undergraduate, 2017 - 2018
KOORDİNASYON KİMYASI, Postgraduate, 2017 - 2018
Koordinasyon Bileşiklerinde Manyetizma, Undergraduate, 2017 - 2018
GENEL KİMYA, Undergraduate, 2017 - 2018
Anorganik Kimya II, Undergraduate, 2017 - 2018

Advising Theses

BALABAN GÜNDÜZALP A., Synthesis And Structural Characterization Of Schiff Bases Derived From Amminothiofene And Investigation Of Their Electrochemical Properties, Postgraduate, D.AKKAYA(Student), 2019
BALABAN GÜNDÜZALP A., Azo grubu içeren heteroaromatik schiff bazlarının ve Cu(II) komplekslerinin sentezi, yapılarının aydınlatılması, antikanser aktivitelerinin incelenmesi, Postgraduate, Ö.TORAMAN(Student), 2016
BALABAN GÜNDÜZALP A., Synthesis, Structural Characterization And Investigation Of Anticancer Activities Of Heteroaromatic Schiff Bases Containing Azo Group And Their Cu(II) Complexes, Postgraduate, Ö.Toraman(Student), 2016
BALABAN GÜNDÜZALP A., Synthesis, Characterization, Determination Of Inhibition Activity On Carbonic Anhydrase I Isoenzyme (HCA I) Of Aromatic Sulfonylhydrazones And Their Cu(II) Complexes, Postgraduate, E.ERDOĞDU(Student), 2015
BALABAN GÜNDÜZALP A., Synthesis, characterization, investigation of enzyme inhibition on carbonic anhydrase i isoenzyme (hCAI) of furansulfonyl hydrazones and their Cu(II) complexes, Postgraduate, G.PARLAKGÜMÜŞ(Student), 2014
BALABAN GÜNDÜZALP A., Synthesis, structural characterization and investigation of antibacterial activities of schiff bases containing azo pyrazole group and their Cu(II) complexes, Postgraduate, H.FECRİYE(Student), 2013
BALABAN GÜNDÜZALP A., Diaminlerle bazı yeni Schiff bazlarının ve bunların metal komplekslerinin sentezi, karakterizasyonu ve antibakteriyel aktiviteleri, Postgraduate, İ.ÖZSEN(Student), 2010
BALABAN GÜNDÜZALP A., SYNTHESIS, CHARACTERIZATION AND ANTIBACTERIAL ACTIVITIES OF SOME NEW SCHIFF BASES WITH DIAMINES AND THEIR METAL COMPLEXES, Postgraduate, İ.ÖZSEN(Student), 2010

Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, December, 2021
Post Graduate, Post Graduate, Gazi Üniversitesi, November, 2021
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, July, 2021
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, June, 2021
Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, September, 2020
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, July, 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Copper(II) sulfonamide complexes having enzyme inhibition activities on carbonic anhydrase I: synthesis, characterization and inhibition studies**
Uzun D., Balaban Gündüzalp A., Parlakgumus G., Özdemir Özmen Ü., Özbek N., Aktan E.
JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, vol.19, no.1, pp.55-69, 2022 (SCI-Expanded)
- II. **New sulfonylhydrazones containing methane sulfonic acid hydrazide having human anticarbonic anhydrase and antimicrobial activity: synthesis, spectroscopic characterization, electrochemical properties, and biological activities**
Uzun D., Erdoğan E., Balaban Gündüzalp A., Özdemir Özmen Ü., Öztürk A., Özbek N., Kaya K., Abdulmajed O.

Macedonian Journal Of Chemistry And Chemical Engineering, vol.40, no.2, pp.181-196, 2021 (SCI-Expanded)

- III. **Preparation and characterization of 3-[(1H-1,2,4-triazole-3-ylimino)methyl]naphtalene-2-ol film at the platinum surface for selective voltammetric determination of dopamine in the presence of uric acid and ascorbic acid**
Tatli F., Uzun D., Tabanlıgil Calam T., Balaban Gündüzalp A., Hasdemir E.
SURFACE AND INTERFACE ANALYSIS, vol.51, no.4, pp.475-483, 2019 (SCI-Expanded)
- IV. **New bioactive silver(I) complexes: Synthesis, characterization, anticancer, antibacterial and antiepileptic anhydase II activities**
ÖZDEMİR ÖZMEN Ü., ÖZBEK N., KARAGÖZ GENÇ Z., İlbiz F., BALABAN GÜNDÜZALP A.
JOURNAL OF MOLECULAR STRUCTURE, vol.1138, pp.55-63, 2017 (SCI-Expanded)
- V. **Structural, physicochemical characterization, theoretical studies of carboxamides and their Cu(II), Zn(II) complexes having antibacterial activities against E. coli**
AKTAN E., BALABAN GÜNDÜZALP A., ÖZDEMİR ÖZMEN Ü.
JOURNAL OF MOLECULAR STRUCTURE, vol.1128, pp.775-784, 2017 (SCI-Expanded)
- VI. **Synthesis, characterization, computational studies, antimicrobial activities and carbonic anhydrase inhibitor effects of 2-hydroxy acetophenone-N-methyl p-toluenesulfonylhydrazide and its Co(II), Pd(II), Pt(II) complexes**
ÖZBEK N., Alyar S., Memmi B. K., BALABAN GÜNDÜZALP A., Bahceci Z., ALYAR H.
JOURNAL OF MOLECULAR STRUCTURE, vol.1127, pp.437-448, 2017 (SCI-Expanded)
- VII. **Biologically active Schiff bases containing thiophene/furan ring and their copper(II) complexes: Synthesis, spectral, nonlinear optical and density functional studies**
BALABAN GÜNDÜZALP A., Ozsen I., ALYAR H., Alyar S., ÖZBEK N.
JOURNAL OF MOLECULAR STRUCTURE, vol.1120, pp.259-266, 2016 (SCI-Expanded)
- VIII. **New series of aromatic/five-membered heteroaromatic butanesulfonyl hydrazones as potent biological agents: Synthesis, physicochemical and electronic properties**
HAMURCU F., Mamas S., ÖZDEMİR ÖZMEN Ü., BALABAN GÜNDÜZALP A., Şentürk O. S.
JOURNAL OF MOLECULAR STRUCTURE, vol.1118, pp.18-27, 2016 (SCI-Expanded)
- IX. **Carbonic anhydrase inhibitors: Synthesis, characterization and inhibition activities of furan sulfonylhydrazones against carbonic anhydrase I (hCA I)**
BALABAN GÜNDÜZALP A., Parlakgumus G., UZUN D., ÖZDEMİR ÖZMEN Ü., ÖZBEK N., SARI M., TUNÇ T.
JOURNAL OF MOLECULAR STRUCTURE, vol.1105, pp.332-340, 2016 (SCI-Expanded)
- X. **Alkyl sulfonic acid hydrazides: Synthesis, characterization, computational studies and anticancer, antibacterial, antiepileptic anhydase II (hCA II) activities**
ÖZDEMİR ÖZMEN Ü., İlbiz F., BALABAN GÜNDÜZALP A., ÖZBEK N., KARAGÖZ GENÇ Z., HAMURCU F., TEKİN S.
JOURNAL OF MOLECULAR STRUCTURE, vol.1100, pp.464-474, 2015 (SCI-Expanded)
- XI. **Synthesis, characterization, antibacterial activity and quantum chemical studies of N'-Acetyl propane sulfonic acid hydrazide**
Alyar S., ALYAR H., ÖZDEMİR ÖZMEN Ü., Sahin O., Kaya K., ÖZBEK N., BALABAN GÜNDÜZALP A.
JOURNAL OF MOLECULAR STRUCTURE, vol.1094, pp.237-245, 2015 (SCI-Expanded)
- XII. **Selective determination of dopamine in the presence of uric acid and ascorbic acid by N,N'-bis(indole-3-carboxaldehyde)-1,2-diaminocyclohexane thin film modified glassy carbon electrode by differential pulse voltammetry**
UZUN D., BALABAN GÜNDÜZALP A., HASDEMİR E.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.747, pp.68-76, 2015 (SCI-Expanded)
- XIII. **Characterization, antibacterial, antiepileptic anhydase II isoenzyme, anticancer, electrochemical and computational studies of sulfonic acid hydrazide derivative and its Cu(II) complex**
ÖZDEMİR ÖZMEN Ü., AKTAN E., İlbiz F., BALABAN GÜNDÜZALP A., ÖZBEK N., SARI M., ÇELİK Ö., SAYDAM S.
INORGANICA CHIMICA ACTA, vol.423, pp.194-203, 2014 (SCI-Expanded)
- XIV. **Screening of novel chemical compounds as possible inhibitors of carbonic anhydrase and photosynthetic activity of photosystem II**
KARACAN M. S., Zharmukhamedov S. K., Mamas S., Kupriyanova E. V., Shitov A. V., Klimov V. V., ÖZBEK N., ÖZDEMİR

ÖZMEN Ü., BALABAN GÜNDÜZALP A., Schmitt F., et al.

JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY B-BIOLOGY, vol.137, pp.156-167, 2014 (SCI-Expanded)

- XV. **New aromatic/heteroaromatic propanesulfonylhydrazone compounds: Synthesis, physical properties and inhibition studies against carbonic anhydrase II (CAII) enzyme**
ÖZDEMİR ÖZMEN Ü., Altuntas A., BALABAN GÜNDÜZALP A., ARSLAN F., HAMURCU F.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.128, pp.452-460, 2014 (SCI-Expanded)
- XVI. **Synthesis, characterization, electrochemical behavior, and antimicrobial activities of aromatic/heteroaromatic sulfonylhydrazone derivatives**
BALABAN GÜNDÜZALP A., ÖZDEMİR ÖZMEN Ü., ÇEVİRLİ B. S., Mamas S., ÇETE S.
MEDICINAL CHEMISTRY RESEARCH, vol.23, no.7, pp.3255-3268, 2014 (SCI-Expanded)
- XVII. **Preparation of modified glassy carbon surface with N-(1-H-indole-3yl) methylene thiazole-2-amine and its characterization**
UZUN D., ARSLAN H., BALABAN GÜNDÜZALP A., HASDEMİR E.
SURFACE & COATINGS TECHNOLOGY, vol.239, pp.108-115, 2014 (SCI-Expanded)
- XVIII. **Synthesis, characterization, and antibacterial activity of the ligands including thiophene/furan ring systems and their Cu(II), Zn(II) complexes**
BALABAN GÜNDÜZALP A., ÖZBEK N., KARACAN N.
MEDICINAL CHEMISTRY RESEARCH, vol.21, no.11, pp.3435-3444, 2012 (SCI-Expanded)
- XIX. **The synthesis, characterization and antibacterial activities of dinuclear Ni(II), Cu(II) and Fe(III) Schiff base complexes**
BALABAN GÜNDÜZALP A., Ozbay H. F.
RUSSIAN JOURNAL OF INORGANIC CHEMISTRY, vol.57, no.2, pp.257-260, 2012 (SCI-Expanded)
- XX. **Copper(II) and zinc(II) complexes of thiophene/furan carboxamides: Synthesis, structure and properties**
BALABAN GÜNDÜZALP A., Erk B.
RUSSIAN JOURNAL OF INORGANIC CHEMISTRY, vol.55, no.7, pp.1094-1102, 2010 (SCI-Expanded)
- XXI. **Cr(III), Fe(III) and Co(III) complexes of tetradentate (ONNO) Schiff base ligands: Synthesis, characterization, properties and biological activity**
Keskioglu E., BALABAN GÜNDÜZALP A., ÇETE S., Hamurcu F., Erk B.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.70, no.3, pp.634-640, 2008 (SCI-Expanded)
- XXII. **Synthesis, spectroscopic studies and crystal structure of N,N '-bis((thiophene-2-carboxamido)propyl)piperazine**
BALABAN GÜNDÜZALP A., Colak N., ÜNVER H., Erk B., Durlu T. N., Zengin D. M.
JOURNAL OF CHEMICAL CRYSTALLOGRAPHY, vol.38, no.5, pp.369-372, 2008 (SCI-Expanded)
- XXIII. **The synthesis, characterization and antimicrobial activity of N,N '-bis(2-thiophenecarboxamido)-1,3-diaminopropane and N,N '-bis (2-furancarboxamido)-1,3-diaminopropane and their Cu(II), Zn(II), Co(III) complexes**
Hamurcu F., BALABAN GÜNDÜZALP A., ÇETE S., Erk B.
TRANSITION METAL CHEMISTRY, vol.33, no.1, pp.137-141, 2008 (SCI-Expanded)
- XXIV. **Effect of Schiff bases containing pyridyl group as corrosion inhibitors for low carbon steel in 0.1 M HCl**
YURT A., Bereket G., Kıvrak A., Balaban A., Erk B.
JOURNAL OF APPLIED ELECTROCHEMISTRY, vol.35, no.10, pp.1025-1032, 2005 (SCI-Expanded)
- XXV. **The effect of film thickness on the optical absorption edge and optical constants of the Cr(III) organic thin films**
Yakuphanoglu F., Sekerci M., Balaban A.
OPTICAL MATERIALS, vol.27, no.8, pp.1369-1372, 2005 (SCI-Expanded)
- XXVI. **N-phenyl-N'-(2-thienylmethylene)hydrazine**
Ozcelik S., Dincer M., Sekerci M., Balaban A., Ozdemir Ü.

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

XXVII. Investigation on some Schiff bases as HCl corrosion inhibitors for carbon steel

YURT A., Balaban A., Kandemir S., Bereket G., Erk B.

MATERIALS CHEMISTRY AND PHYSICS, vol.85, no.2-3, pp.420-426, 2004 (SCI-Expanded)

XXVIII. Synthesis, characterization, and electrical properties of metal complexes of 2-pyridinecarbaldehyde thiosemicarbazone

Yakuphanoglu F., Balaban A., Dagdelen F., AYDOĞDU Y., Sekerci M., Erk B.

SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY, vol.32, no.10, pp.1865-1878, 2002 (SCI-Expanded)

Articles Published in Other Journals

I. Synthesis, Characterization and Theoretical Calculations of Schiff Base Containing Thiophene Ring System

BALABAN GÜNDÜZALP A., ÇOLAK N., Altiner S., ŞAHİN Z. S.

GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.30, no.3, pp.255-265, 2017 (ESCI)

II. Synthesis, Spectroscopic and Computational Studies of (E)-2-(2,3-dihydroxy)-benzylidene)amino)-6-methyl-4,5,6,7-tetrahydrobenzo[b]thiophene-3-carbonitrile

ÇOLAK N., Altiner S., ŞAHİN Z. S., BALABAN GÜNDÜZALP A.

GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.30, no.3, pp.245-254, 2017 (ESCI)

Books & Book Chapters

I. New Piperazine Derivatives:Biologic and Spectroscopic Study

ÖZBEK N., KARAKURT T., BALABAN GÜNDÜZALP A.

Lap Lambert Academic Publishing, 2019

II. Experimental and Computational Studies on HeteroaromaticDiimines

ALYAR S., ALYAR H., BALABAN GÜNDÜZALP A., Özsen İ.

LAP LAMBERT Academic Publishing, 2019

Refereed Congress / Symposium Publications in Proceedings

I. Environmentally friendly Anthracenebased Sulfonylhydrazone for use in biosensor preparation: Synthesis, Characterization and Computational Studies

Güler H., ÇETE S., ÖZDEMİR ÖZMEN Ü., BALABAN GÜNDÜZALP A., AKIN ANAKÖK D., AKTAN E.

4th International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2022), 14 December 2022

II. Cytotoxic Effect of Furan-2-Carboxamide Derivatives and Co (III)Compounds on the Human Prostate Cancer Cell Line

KARAKUŞ A., ERDEN Y., HAMURCU F., BALABAN GÜNDÜZALP A.

VI.International Multidisciplinary Congress of Eurasia-IMCOFE 2018, 4 - 06 September 2018

III. Cyclic and Differential Pulse Voltammetry Measurements of 3,5-ditertiarybutylsalicylaldehydemethanesulfonylhydrozone and its Cu(II) Complex on Carbonic Anhydrase I

UZUN D., BALABAN GÜNDÜZALP A., Erdogdu E., ÖZBEK N., ÖZDEMİR ÖZMEN Ü.

1st International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), 26 - 27 April 2018

IV. Synthesis, Characterization and Theoretical Calculations of Schiff Bases Derived from Dopamine,

BALABAN GÜNDÜZALP A., ÖZDEMİR ÖZMEN Ü.

1st International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), 26 - 27 April 2018

V. Assessment of In Vitro Antimicrobial Activity of Novel Sulfonylhydrazone Derivatives

ÖZTÜRK A., BALABAN GÜNDÜZALP A., Erdogdu E., Abdulmajet O., KALKANCI A., ÖZDEMİR ÖZMEN Ü.

1st International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), 26 - 27 April 2018

VI. EXPERIMENTAL AND COMPUTATIONAL STUDIES ON SCHIFF BASE 2-(2,3-DIHYDROXY)-BENZYLIDENE)AMINO)-6-METHYL-4,5,6,7-TETRAHYDROBENZO[B]THIOPHENE-3-CARBONITRILE

ÇOLAK N., ALTINER S., BALABAN GÜNDÜZALP A., ŞAHİN Z. S.

I. International Scientific and Vocational Studies Congress, 5 - 08 October 2017

VII. Synthesis, Characterization and Theoretical Calculation of Schiff Base "2-((2-Methoxybenzylidene)Amino)-6-Methyl-4,5,6,7-Tetrahydrobenzo[B] Thiophene-3-Carbonitrile"

BALABAN GÜNDÜZALP A., ÇOLAK N., Altiner S., ŞAHİN Z. S.

I. International Scientific and Vocational Studies Congress, 5 - 08 October 2017

VIII. Synthesis, Characterization, DFT Calculations and Antimicrobial Studies of Heteroaromatic Diimines and Their Copper(II) Complexes

Akyıldız F., BALABAN GÜNDÜZALP A., ALYAR H., Özsen İ., ÖZBEK N., ALYAR S.

3rd International Turkish Congress on Molecular Spectroscopy (TURCMOS 2017), 26 - 29 August 2017

IX. Tiyofen İçeren Yeni Schiff Bazı ve Metal Komplekslerinin Sentezi, Karakterizasyonu ve Antibakteriyel Aktiviteleri

ALYAR H., ALYAR S., BALABAN GÜNDÜZALP A.

IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, 26 - 29 April 2017

X. Furan İçeren Yeni Schiff Bazı ve Metal Komplekslerinin Sentezi, Karakterizasyonu ve Antibakteriyel Aktiviteleri

ALYAR H., ALYAR S., BALABAN GÜNDÜZALP A.

IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, 26 - 29 April 2017

XI. Synthesis, Characterization and Theoretical Calculation of 4-Amino-7-methyl (ethyl)-2-oxo-1,2,5,6,7,8-hexahydrothieno[2,3-b:5,4-c]dipyridine-3-carbonitrile

ÇOLAK N., BALABAN GÜNDÜZALP A., YAVUZ S.

International Congress on Applied Science and Technology (ASTECH'xx2017)60, Malaga, Spain, 17 - 20 April 2017

XII. New bioactive Ag I Complexes with Alkyl Sulfonic Acide Hydrazides Synthesis Characterization Computational Studies Antibacterial and Anticarbonic Anhydrase II hCAII Activities

ÖZBEK N., ÖZDEMİR ÖZMEN Ü., BALABAN GÜNDÜZALP A., İLBİZ F.

International Turkic World Conference on Chemical Sciences and Technologies, 26 - 30 October 2016

XIII. Carbonic Anhydrase CA Inhibitors as Pollution Biomarkers Investigation of Enzyme Inhibition by Using Electrochemical Methods

BALABAN GÜNDÜZALP A., UZUN D., ÖZDEMİR ÖZMEN Ü., Erdoğan E.

1ST INTERNATIONAL BLACK SEA CONGRESS ON ENVIRONMENTAL SCIENCES (IBCESS), 31 August - 03 September 2016

XIV. Potent Heavy Metal Remover Schiff Base Containing Thiophene Ring and Its Electrochemical Behavior

Akkaya D., ÇOLAK N., BALABAN GÜNDÜZALP A., Mamaş S.

1ST INTERNATIONAL BLACK SEA CONGRESS ON ENVIRONMENTAL SCIENCES (IBCESS), 31 August - 03 September 2016

XV. VIBRATIONAL SPECTRA and NONLINEAR OPTICAL PROPERTIES NLO OF 1 4 BIS 3 THIOPHENE 2 CARBOXALDIMINE PROPYL PIPERAZINE

ALYAR H., Alyar S., BALABAN GÜNDÜZALP A.

Turkish Physical Society 32nd International Physics Congress, 29 - 30 August 2016

XVI. HOMO LUMO MEP ANALYZE MULLIKEN ATOMIC CHARGES and REACTIVITY DESCRIPTORS OF 1 4 BIS 3 THIOPHENE 2 CARBOXALDIMINE PROPYL PIPERAZINE

ALYAR H., Alyar S., BALABAN GÜNDÜZALP A.

Turkish Physical Society 32nd International Physics Congress, 29 - 30 August 2016

XVII. SYNTHESIS CHARACTERIZATION OF METHYL 2 AMINO 6 METHYL 4 5 6 7 TETRAHYDROBENZO b THIOPHENE 3 CARBOXYLATE AND ITS ELECTROCHEMICAL BEHAVIORS

BALABAN GÜNDÜZALP A., ÇOLAK N., Akkaya D., Mamaş S.

A II in One Conference, 2nd International Conference on New Trends in Chemistry, 19 - 22 April 2016

XVIII. elective Carbonic Anhydrase I Inhibitors Electrochemical Characterization of Aromatic Substitue Sulfonamide and Its Copper II Complex

UZUN D., BALABAN GÜNDÜZALP A., ÖZDEMİR ÖZMEN Ü., Parlakgümüş G.

All in One Conference, 2nd International Conference on New Trends in Chemistry, 19 - 22 April 2016

XIX. Selective Carbonic Anhydrase I Inhibitors Electrochemical Characterization of Aromatic Substitue Sulfonamide and Its Copper II Complex

UZUN D., BALABAN GÜNDÜZALP A., ÖZDEMİR ÖZMEN Ü., erdoğan e.

All in One Conference, 2nd International Conference on New Trends in Chemistry ZAGREB-CROATIA, 19 - 22 April 2016

XX. Theoretical investigation on structural and electronic properties of furan carboxamide and its metal complexes

AKTAN E., BALABAN GÜNDÜZALP A., ÖZDEMİR ÖZMEN Ü.

All in One Conference, 2nd International Conference on New Trends in Chemistry, 19 - 22 April 2016

XXI. Theoretical studies on thiophene carboxamide and its Cu II Zn II complexes

AKTAN E., BALABAN GÜNDÜZALP A., ÖZDEMİR ÖZMEN Ü.

All in One Conference, 2nd International Conference on New Trends in Chemistry, 19 - 22 April 2016

XXII. THE SYNTHESIS OF SCHIFF BASE METHYL 2 5 CHLORO 2 HYDROXYBENZYLIDENE AMINO 6 METHYL 4 5 6 7 TETRA HYDROTHIENO 2 3 C PYRIDINE 3 CARBOXYLATE AND INVESTIGATION OF ITS ELECTROCHEMICAL PROPERTIES

ÇOLAK N., BALABAN GÜNDÜZALP A., Mamaş S., Akkaya D.

All in One Conference, 2nd International Conference on New Trends in Chemistry, 19 - 22 April 2016

XXIII. Enzyme Inhibition Studies of Furan Sulfonylhydrazone Cu II Complexes by Using Differential Pulse Voltammetry DPV Method

UZUN D., BALABAN GÜNDÜZALP A., ÖZDEMİR ÖZMEN Ü., Parlakgümüş G.

All in One Conference, 2nd International Conference on New Trends in Chemistry, 19 - 22 April 2016

XXIV. Theoretical studies on thiophene carboxamide and its Cu II and Zn II complexes

AKTAN E., BALABAN GÜNDÜZALP A., ÖZDEMİR ÖZMEN Ü.

2nd International Conference on New Trends in Chemistry, Zagreb, Croatia, 19 - 22 April 2016

XXV. Carbonic Anhydrase I hCA I Inhibitor Determination of Inhibition Effect of Bis furan 2 aldehydemethanesulfonylhydrazone copper II chloride by Spectrophotometric Method

BALABAN GÜNDÜZALP A., Gökhan P., ÖZDEMİR ÖZMEN Ü., ÖZBEK N.

11th International Symposium on Pharmaceutical Sciences Ankara University, 9 - 12 June 2015

XXVI. Synthesis, Characterization, Antibacterial Activity and Computational Studies of N'-Acetyl Propane Sulfonic Acide Hydrazide

ALYAR S., ALYAR H., ÖZDEMİR ÖZMEN Ü., şahin Ö., KAYA K., ÖZBEK N., BALABAN GÜNDÜZALP A.

V. Ulusal Anorganik Kimya Kongresi Mersin, Turkey, 22 - 25 April 2015

XXVII. Bazı Aromatik Sülfonilhidrazonların Cu(II) Komplekslerinin Karbonik Anhidraz I İzoenzimine (hCA I) Karşı İnhibisyon Aktivitesinin Spektrofotometrik Yöntemle Tayini

BALABAN GÜNDÜZALP A., Erdoğan E., ÖZBEK N., ÖZDEMİR ÖZMEN Ü.

V. Ulusal Anorganik Kimya Kongresi Mersin, Turkey, 22 - 25 April 2015

XXVIII. Furan Süfonilhidrazon-Cu(II) Komplekslerinin Sentezi, Karakterizasyonu, Karbonik Anhidraz I İzoenzimine (hCA I) Karşı İnhibisyon Etkisinin Spektrofotometrik Yöntemle Belirlenmesi

BALABAN GÜNDÜZALP A., Parlakgümüş G., ÖZDEMİR ÖZMEN Ü., ÖZBEK N.

V. Ulusal Anorganik Kimya Kongresi Mersin, Turkey, 22 - 25 April 2015

XXIX. Synthesis, Characterization, Spectroscopic Properties, Theoretical Calculation And Electrochemical

Studies of Butanesulfonylhydrazones

HAMURCU F., Mamaş S., BALABAN GÜNDÜZALP A., ÖZDEMİR ÖZMEN Ü., Şentürk O. Ş.

International Symposium on Molecular Chemistry Yıldız Teknik Üniversitesi, İstanbul, 19 - 21 December 2014

- XXX. **Inhibition Effect of Sulfonamide- Copper(II) Complex Against Carbonic Anhydrase I (hCAI) by Electrochemical Methods**
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Non Academic Experience

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