

Prof. AYLAL BALABAN GÜNDÜZALP

Personal Information

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Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 1999 - 2005

Post Graduate, Gazi University, Fen Bilimleri Enstitüsü, Kimya (Yl) (Tezli), Turkey 1995 - 1999

Under Graduate, Hacettepe University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey 1988 - 1993

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

Professional Experience

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

Courses

ANORGANİK KİMYA LABORATUVARI, Under Graduate, 2017 - 2018

KOORDİNASYON KİMYASI, Post Graduate, 2017 - 2018

Koordinasyon Bileşiklerinde Manyetizma, Under Graduate, 2017 - 2018

GENEL KİMYA, Under Graduate, 2017 - 2018

Anorganik Kimya II, Under Graduate, 2017 - 2018

Advising Theses

BALABAN GÜNDÜZALP A., Synthesis And Structural Characterization Of Schiff Bases Derived From Aminothiofene And Investigation Of Their Electrochemical Properties, Post Graduate, D.AKKAYA(Student), 2019

BALABAN GÜNDÜZALP A., Azo grubu içeren heteroaromatik schiff bazlarının ve Cu(II) komplekslerinin sentezi, yapılarının aydınlatılması, antikanser aktivitelerinin incelenmesi, Post Graduate, 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(I) Complexes, 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(I) Complexes, Post Graduate, 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, Post Graduate, 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, Post Graduate, H.FECRİYE(Student), 2013

BALABAN GÜNDÜZALP A., Diaminlerle bazı yeni Schiff bazlarının ve bunların metal komplekslerinin sentezi, karakterizasyonu ve antibakteriyel aktiviteleri, Post Graduate, İ.ÖZSEN(Student), 2010

BALABAN GÜNDÜZALP A., SYNTHESIS, CHARACTERIZATION AND ANTIBACTERIAL ACTIVITIES OF SOME NEW SCHIFF BASES WITH DIAMINES AND THEIR METAL COMPLEXES, İ.ÖZSEN(Student), 2010

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **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 (Journal Indexed in SCI)
- II. **New bioactive silver(I) complexes: Synthesis, characterization, anticancer, antibacterial and anticonic anhydrase II activities**
ÖZDEMİR ÖZMEN Ü., ÖZBEK N., KARAGÖZ GENÇ Z., Ilbiz F., BALABAN GÜNDÜZALP A.
JOURNAL OF MOLECULAR STRUCTURE, vol.1138, pp.55-63, 2017 (Journal Indexed in SCI)
- III. **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 (Journal Indexed in SCI)
- IV. **Synthesis, characterization, computational studies, antimicrobial activities and carbonic anhydrase inhibitor effects of 2-hydroxy acetophenone-N-methyl p-toluenesulfonylhydrazone 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 (Journal Indexed in SCI)
- V. **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 (Journal Indexed in SCI)

- VI. **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 (Journal Indexed in SCI)
- VII. **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 (Journal Indexed in SCI)
- VIII. **Alkyl sulfonic acid hydrazides: Synthesis, characterization, computational studies and anticancer, antibacterial, anticarbonic anhydrase 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 (Journal Indexed in SCI)
- IX. **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 (Journal Indexed in SCI)
- X. **Selective determination of dopamine in the presence of uric acid and ascorbic acid by N,N'-bis(indole-3-carboxalimine)-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 (Journal Indexed in SCI)
- XI. **Characterization, antibacterial, anticarbonic anhydrase 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 (Journal Indexed in SCI)
- XII. **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 (Journal Indexed in SCI)
- XIII. **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 (Journal Indexed in SCI)
- XIV. **Synthesis, characterization, electrochemical behavior, and antimicrobial activities of aromatic/heteroaromatic sulfonylhydrazone derivatives**
BALABAN GÜNDÜZALP A., ÖZDEMİR ÖZMEN Ü., ÇEVİMLİ B. S., Mamas S., ÇETE S.
MEDICINAL CHEMISTRY RESEARCH, vol.23, no.7, pp.3255-3268, 2014 (Journal Indexed in SCI)
- XV. **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 (Journal Indexed in SCI)
- XVI. **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 (Journal Indexed in SCI)
- XVII. **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 (Journal Indexed in SCI)
- XVIII. **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 (Journal Indexed in SCI)
- XIX. **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 (Journal Indexed in SCI)
- XX. **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 (Journal Indexed in SCI)
- XXI. **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 (Journal Indexed in SCI)

Articles Published in Other Journals

- 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 (Journal Indexed in ESCI)
- 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 (Journal Indexed in ESCI)

Books & Book Chapters

- New Piperazine Derivatives:Biologic and Spectroscopic Study**
ÖZBEK N., KARAKURT T., BALABAN GÜNDÜZALP A.
Lap Lambert Academic Publishing, 2019
- 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

- 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
- 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

- 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. **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
- V. **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
- 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, 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
- VIII. **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
- 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. **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
- XI. **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
- XII. **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
- 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. **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
- XV. **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
- XVI. **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
- XVII. **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
- XVIII. **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
- XIX. **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
- 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. **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
- XXII. **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
- 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. **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
- XXV. **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
- XXVI. **Furan Sülfonilhidrazon-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
- XXVII. **Synthesis, Characterization, Antibacterial Activity and Computational Studies of N'-Acetyl Propane Sulfonic Acide Hydrazide**
ALYAR S., ALYAR H., ÖZDEMİR ÖZMEN Ü., ŞAHİN Ö., KAYA K., ÖZBEK N., BALABAN GÜNDÜZALP A.
V. Ulusal Anorganik Kimya Kongresi Mersin, Turkey, 22 - 25 April 2015
- XXVIII. **Inhibition Effect of Sulfonamide- Copper(II) Complex Against Carbonic Anhydrase I (hCAI) by Electrochemical Methods**
UZUN D., BALABAN GÜNDÜZALP A., ERDOĞDU E., ÖZDEMİR ÖZMEN Ü.
INTERNATIONAL SYMPOSIUM ON MOLECULAR CHEMISTRY, 19 - 21 December 2014
- XXIX. **Synthesis, Characterization, Spectroscopic Properties, Theoretical Calculation And Electrochemical Studies of Butanesulfonylhydrazones**
HAMURCU F., MAMAŞ S., BALABAN GÜNDÜZALP A., ÖZDEMİR ÖZMEN Ü., ŞENTURK O. Ş.
International Symposium on Molecular Chemistry Yıldız Teknik Üniversitesi, İstanbul, 19 - 21 December 2014
- XXX. **Bütan Sülfonil Hidrazit İle Cu(II) Kompleksinin Sentezi, Antibakteriyel Aktiviteleri Ve Teorik Hesaplamaları**
AKTAN E., ÖZDEMİR ÖZMEN Ü., İLBİZ F., BALABAN GÜNDÜZALP A., ÖZBEK N., SAYDAM S.
2. İlaç Kimyası, Üretimi, Teknolojisi ve Standardizasyonu kongresi Antalya, Turkey, 21 - 23 March 2014
- XXXI. **Alkil Sülfon Amit Bileşiğinin Karbonik Anhidraz I (CAI) Enzimine Karşı İnhibisyon Etkisinin Elektrokimyasal Yöntemlerle İncelenmesi**
UZUN D., BALABAN GÜNDÜZALP A., ÖZDEMİR ÖZMEN Ü.
2. İlaç Kimyası, Üretimi, Teknolojisi ve Standardizasyonu kongresi Antalya, Turkey, 21 - 23 March 2014
- XXXII. **Furan Türevi Bazı Sülfonilhidrazonların Sentezi, Yapılarının Aydınlatılması ve Karbonik Anhidraz I (CA I) Enzimine Karşı İnhibisyonu**
PARLAKGÜMÜŞ G., ERDOĞDU E., BALABAN GÜNDÜZALP A., ÖZDEMİR ÖZMEN Ü., ÖZBEK N.
I. Ulusal Organik Kimya Kongresi Sakarya Üniversitesi, Turkey, 25 - 29 October 2013
- XXXIII. **'Heteroaromatik sülfonil hidrazonların elektrokimyasal davranışlarının incelenmesi**
MAMAŞ S., ÖZDEMİR ÖZMEN Ü., BALABAN GÜNDÜZALP A.
IV Anorganik Kimya Kongresi Tokat, Turkey, 30 May - 02 June 2013
- XXXIV. **1. İlaç Kimyası, Üretimi, Teknolojisi ve Standardizasyonu kongresi Antalya**
AYDOĞDU E., GOKHAN P., BALABAN GÜNDÜZALP A., ÖZDEMİR ÖZMEN Ü., ÖZBEK N.
1. İlaç Kimyası, Üretimi, Teknolojisi ve Standardizasyonu kongresi Antalya, Turkey, 29 - 31 March 2013
- XXXV. **Glassy Carbon Electrode Modified With N,N'-Bis(Indole-3-Carboxaldimine)-1,2-Diaminocyclohexane And Its Characterization**
UZUN D., BALABAN GÜNDÜZALP A., HASDEMİR E.
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- XXXVI. **Inhibition of photosystem II carbonic anhydrase activity by some sulphonamides and their metal complexes**
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