

## Assoc. Prof. HAMDİ ÖZKAN

### Personal Information

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### Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 2002 - 2008

Post Graduate, Gazi University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Turkey 1996 - 2002

Under Graduate, Hacettepe University, Eğitim Fakültesi, Ortaöğretim Fen Ve Matematik Alanlar Eğitimi Bölümü, Turkey 1989 - 1994

### Foreign Languages

German, B1 Intermediate

### Dissertations

Doctorate, Oktet stabilize 1,3-dipolar siklokatalıma tepkimeleri, Gazi University, Fen Bilimleri Enstitüsü, Kimya (Dr), 2008

Post Graduate, Bazı fenilselenoglikolik asit türevlerinin sentezi, Gazi University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), 2001

### Research Areas

Chemistry of Aromatic Compounds, Chemistry of Asymmetric Synthesis, Chemistry of Natural Products, Chemistry of Heterocyclic Compounds, Carbon Chemistry, Organic Reaction Mechanisms, Organic Spectroscopy, Organometallics

### Academic Titles / Tasks

Associate Professor, Gazi University, Fen Fakültesi, Kimya, 2020 - Continues

Lecturer, Gazi University, Fen Fakültesi, Kimya Bölümü, 2019 - Continues

Lecturer, Gazi University, Kazan Meslek Yüksekokulu, Yönetim Ve Organizasyon Bölümü, 2017 - 2019

### Academic and Administrative Experience

Cankiri Karatekin University, Fen Bilimleri Enstitüsü, 2016 - 2017

Cankiri Karatekin University, Fen Fakültesi, Kimya Bölümü, 2010 - 2012

### Courses

Organik Kimya, Under Graduate, 2019 - 2020

Genel Kimya-I, Under Graduate, 2017 - 2018

## Advising Theses

ÖZKAN H., Yeni sülfonamidlerin sentezi, yapılarının aydınlatılması, biyolojik ve antioksidant aktivitelerinin incelenmesi, Post Graduate, B.DEMİRCİ(Student), 2015

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

- I. **Synthesis, Spectroscopic Characterizations of Novel Norcantharimides, Their ADME Properties and Docking Studies Against COVID-19 M-pr degrees**  
Ozkan H., ADEM Ş.  
CHEMISTRYSELECT, vol.5, no.18, pp.5422-5428, 2020 (Journal Indexed in SCI)
- II. **Synthesis and Antimicrobial and Antioxidant Activities of Sulfonamide Derivatives Containing Tetrazole and Oxadiazole Rings**  
Ozkan H., Demirci B.  
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.56, no.9, pp.2528-2535, 2019 (Journal Indexed in SCI)
- III. **Synthesis and DNA binding of new adenine derivatives incorporating 5-((Alkylthio)-1,3,4-oxadiazol-2-yl)methyl moiety**  
YILDIRIR Y., Cetin A., Ozkan H., YAVUZ S., AÇIK L., Celik S. P.  
MEDICINAL CHEMISTRY RESEARCH, vol.27, no.8, pp.2027-2033, 2018 (Journal Indexed in SCI)
- IV. **Facile Method for 1,3-Dipolar Cycloaddition Reaction of Azomethine Ylides: Highly Stereoselective Synthesis of Substituted Pyrrolidine Derivatives**  
YAVUZ S., ÖZKAN H., Tok G., DİŞLİ A.  
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.50, no.6, pp.1437-1440, 2013 (Journal Indexed in SCI)
- V. **Synthesis, Crystal and Molecular Structure and Biological Activity of Dimethyl Trans-3-(2-bromophenyl)-2-methylisoxazolidine-4,5-dicarboxylate**  
YÜKSEKTEPE ATAOL Ç., ÖZKAN H., YAVUZ S., Yanmaz V., DİŞLİ A., BÜYÜKGÜNGÖR O.  
CHINESE JOURNAL OF STRUCTURAL CHEMISTRY, vol.31, no.9, pp.1251-1262, 2012 (Journal Indexed in SCI)
- VI. **Synthesis of Isomeric 2,3,5-Trisubstituted Perhydropyrrolo[3,4-d]-isoxazole-4,6-diones via 1,3-Dipolar Cycloaddition Reactions**  
Ozkan H., YILDIRIR Y.  
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.47, no.4, pp.954-959, 2010 (Journal Indexed in SCI)
- VII. **Dimethyl trans-3-(4-bromophenyl)-2-methylisoxazolidine-4,5-dicarboxylate**  
BÜYÜKGÜNGÖR O., YAVUZ S., ODABAŞOĞLU M., Ozkan H., Pamir O., YILDIRIR Y.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.65, 2009 (Journal Indexed in SCI)
- VIII. **Dimethyl cis-2-methyl-3-p-tolylisoxazolidine-4,5-dicarboxylate**  
ODABAŞOĞLU M., ÖZKAN H., YILDIRIR Y., BÜYÜKGÜNGÖR O.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.65, 2009 (Journal Indexed in SCI)
- IX. **2-Methyl-3-(5-methyl-2-thienyl)-5-phenylperhydropyrrolo[3,4-d]isoxazole-4,6-dione**  
ODABAŞOĞLU M., Oezkan H., YILDIRIR Y., BÜYÜKGÜNGÖR O.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.65, 2009 (Journal Indexed in SCI)
- X. **The synthesis and investigation of the antimicrobial activity of some new phenylselanyl-1-(toluene-4-sulfonyl)-1H-tetrazole derivatives**  
YILDIRIR Y., Us M. F., Colak N., ÖZKAN H., YAVUZ S., DİŞLİ A., Ozturk S., Turker L.  
MEDICINAL CHEMISTRY RESEARCH, vol.18, no.2, pp.91-97, 2009 (Journal Indexed in SCI)

- XI. **(3R, 3aS, 6aR)-2,5-Dimethyl-3-(5-phenyl-2-thienyl)perhydropyrrolo[3,4-d][1,2]-oxazole-4,6-dione**  
Odabasoglu M., ÖZKAN H., YILDIRIR Y., BÜYÜKGÜNGÖR O.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.64, 2008 (Journal Indexed in SCI)
- XII. **2,5-Dimethyl-3-(3-methylthiophen-2-yl)-perhydropyrrolo[3,4-d]isoxazole-4,6-dione**  
Odabasoglu M., ÖZKAN H., YILDIRIR Y., BÜYÜKGÜNGÖR O.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.64, 2008 (Journal Indexed in SCI)
- XIII. **A novel synthesis of bromobenzenes using molecular bromine**  
ÖZKAN H., DİŞLİ A., YILDIRIR Y., Tuerker L.  
MOLECULES, vol.12, no.11, pp.2478-2483, 2007 (Journal Indexed in SCI)
- XIV. **Antimicrobial effect on bacterial and yeast cells of phenylselenocyanates and comparison with some antibiotics**  
Cete S., Ozkan H., Arslan F., Yildirim Y., Yasar A.  
ASIAN JOURNAL OF CHEMISTRY, vol.19, no.1, pp.550-554, 2007 (Journal Indexed in SCI)
- XV. **Synthesis of novel 5-aryl-1H-tetrazoles**  
Ozkan H., Yavuz S., Disli A., Yildirim Y., Turker L.  
HETEROATOM CHEMISTRY, vol.18, no.3, pp.255-258, 2007 (Journal Indexed in SCI)
- XVI. **Improved synthesis of phenylselenoglycolic acids**  
Ozkan H., Disli A., Yildirim Y.  
ORGANIC PREPARATIONS AND PROCEDURES INTERNATIONAL, vol.36, no.2, pp.161-163, 2004 (Journal Indexed in SCI)

### Articles Published in Other Journals

- I. **N-Alkilenmiş Tetrazol Türevi Bileşiklerin Absorpsiyon, Dağılım, Metabolizma ve Atılım (ADME) Özelliklerinin Araştırılması**  
ÖZKAN H.  
Süleyman Demirel University Faculty of Arts and Science Journal of Science, vol.14, no.2, pp.384-394, 2019 (Other Refereed National Journals)
- II. **Synthesis of N-Aryl-2-Phenylselenanyl Acetamides and Their Antimicrobial Activities**  
YAVUZ S., ÖZKAN H., GÜREL Ö., YILDIRIR Y.  
Gazi University Journal of Science, vol.29, no.2, pp.309-315, 2016 (Journal Indexed in ESCI)
- III. **Synthesis of N-(Aryl)-2-(phenylselenanyl) acetamides and Their Antimicrobial Activities**  
YAVUZ S., ÖZKAN H., Gurel O., YILDIRIR Y.  
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.29, no.2, pp.309-315, 2016 (Journal Indexed in ESCI)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Bazı Yeni Tiyo Alkil Sübstitüe Tetrazol Türevlerinin Sentezi, Antimikrobiyal ve Antioksidan Aktivitelerinin Belirlenmesi**  
ÖZKAN H.  
7th Drug Chemistry Conference: Design, Synthesis, Production and Standardization of Drug Active Substances, Antalya, Turkey, 14 - 17 March 2019
- II. **1-(2-(5-(4-Sübstütüefenil)-1H-tetrazol-1-il)etil)amin Bileşiklerinin Sentezi Karakterizasyonu ve Biyolojik Özelliklerinin Araştırılması**  
ÖZKAN H., DOYDUK D., Batuhan Y.  
8th International Drug Chemistry Conference, Antalya, Turkey, 27 February - 01 March 2020
- III. **Synthesis of Derivatives of (3aR,4R,7S,7aS)-2-amino-3a,4,7,7a-tetrahydro-1H-4,7-epoxyisoindole-1,3(2H)-dione**

ÖZKAN H.

4th Organic Chemistry Congress, Antalya, Turkey, 4 - 07 October 2018

IV. **Tetrazol ve Oksadiazol Halkası İçeren Bazı Yeni Sülfonamit Türevlerinin Sentezi, Antimikrobiyal ve Antioksidan Aktivitelerinin Belirlenmesi**

ÖZKAN H., Demirci B.

Uluslararası Katılımlı 6. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 22 - 25 March 2018

## **Supported Projects**

ÖZKAN H., Industrial Thesis Project, Yüksek Enerjili Duyarsız Tri Amino Tri Nitro Benzen TATB Maddesinin Sentezlenmesi Karakterizasyonu ve Performans Özelliklerinin İncelenmesi, 2013 - 2016

## **Citations**

Total Citations (WOS):62

h-index (WOS):4