

Lect. 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 (Yl) (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 siklokatılma tepkimeleri, Gazi University, Fen Bilimleri Enstitüsü, Kimya (Dr), 2008

Post Graduate, Bazı fenilselenoglikolik asit türevlerinin sentezi, Gazi University, Fen Bilimleri Enstitüsü, Kimya (Yl) (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 Bölümü, 2020 - Continues

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

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

Professional Experience

Assistant Director of the Institute, Cankiri Karatekin University, Fen Bilimleri Enstitüsü, 2016 - 2017

Deputy Head of Department, Cankiri Karatekin University, Fen Fakültesi, Kimya Bölümü, 2010 - 2012

Courses

Organik Kimya, Under Graduate, 2019 - 2020

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., DIŞLI 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-Alkillenmiş 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-Süstitüefenil)-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-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

Citations

Total Citations (WOS):62

h-index (WOS):4