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Research Areas

Natural Sciences

Academic and Administrative Experience

Bölüm Kalite Komisyonu Üyesi, Çanakkale Onsekiz Mart University, Fen Edebiyat Fakültesi, Kimya, 2019 - Continues

Mevlana Exchange Program Coordinator, Çanakkale Onsekiz Mart University, Fen Edebiyat Fakültesi, Kimya, 2013 - 2015

Erasmus Coordinator, Çanakkale Onsekiz Mart University, Fen Edebiyat Fakültesi, Kimya, 2013 - 2015

Farabi Coordinator, Çanakkale Onsekiz Mart University, Fen Edebiyat Fakültesi, Kimya, 2013 - 2015

Deputy Head of Department, Çanakkale Onsekiz Mart University, Fen Edebiyat Fakültesi, Kimya, 2012 - 2015

Staj Koordinatörü, Çanakkale Onsekiz Mart University, Fen Edebiyat Fakültesi, Kimya, 2000 - 2002

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

- I. **Synthesis of Fused Six-Membered Lactams to Isoxazole and Isoxazoline by Sequential Ugi Four-Component Reaction and Intramolecular Nitrile Oxide Cyclization**
Gülten Ş.
Journal of Chemical Education, vol.97, pp.3839-3846, 2020 (Journal Indexed in SCI Expanded)
- II. **Fast and Efficient One-Pot Three-Component Synthesis of Some 1,2,3,4-Tetrahydro-6-methyl-N-phenyl-5-pyrimidinecarboxamide Derivatives via Biginelli Condensation Reaction**
GÜLTEN Ş., Gezerl U., Gundogan E. A.
LETTERS IN ORGANIC CHEMISTRY, vol.17, no.5, pp.366-371, 2020 (Journal Indexed in SCI)
- III. **Acid Catalyzed One-pot Three-component Biginelli-type Synthesis of Some New Symmetrical Bis 3,4-dihydropyrimidin-2(1H)-ones/thiones**
Gülten Ş., Arslan E.
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.55, pp.2936-2945, 2018 (Journal Indexed in SCI)
- IV. **Nickel Chloride Hexahydrate Catalyzed Multicomponent Biginelli's Synthesis of 3,4-Dihydropyrimidin-2(1H)-Ones and Thiones**
Gülten Ş.
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.54, pp.1252-1260, 2017 (Journal Indexed in SCI)
- V. **Magnesium Bromide and Magnesium Chloride Hexahydrate Catalyzed One-Pot Synthesis of Dihydropyrimidines via Biginelli Reaction under Solvent-Free Conditions**
Gulden Ş.
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.50, pp.391-395, 2013 (Journal Indexed in SCI)
- VI. **The Synthesis and Characterization of Solvatochromic Maleimide-Fused N-Allyl- and N-Alkyl-Substituted 1,4-Dithiines and Diels-Alder Reactions with Anthracene**

Gulden Ş.

JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.47, no.1, pp.188-193, 2010 (Journal Indexed in SCI)

VII. **Use of temporary tethers in the intramolecular [2+2] photocycloaddition reactions of tetrahydrophthalimide derivatives: a new approach to complex tricyclic lactones**

Gulden Ş., Sharpe A., Baker J. R., Booker-Milburn K. I.

TETRAHEDRON, vol.63, no.18, pp.3659-3671, 2007 (Journal Indexed in SCI)

VIII. **Diastereoselective intramolecular photochemical [2+2] cycloaddition reactions of tethered L-(+)-valinol derived tetrahydrophthalimides**

BookerMilburn K., Gulden Ş., Sharpe A.

CHEMICAL COMMUNICATIONS, no.15, pp.1385-1386, 1997 (Journal Indexed in SCI)

Articles Published in Other Journals

I. **Green Chemistry Metrics: Calculation of Green Chemistry Metrics of Biginelli Compounds Synthesized Under the Catalyst and Catalyst-Free Reaction Conditions**

Gülten Ş.

Avrupa Bilim ve Teknoloji Dergisi, no.14, pp.61-69, 2018 (Other Refereed National Journals)

Books & Book Chapters

I. **Genel Kimya Laboratuvar Kitabı**

Gülten Ş.

Papatya Yayıncılık, İstanbul, 2017

II. **Genel Kimya Laboratuvar Kitabı**

Gülten Ş.

Beta Basım Yayım Dağıtım, İstanbul, 2006

Refereed Congress / Symposium Publications in Proceedings

I. **'Öğrenci Gözüyle Kimya Bölümünde Eğitim-Öğretimin Durumu'**

AY M., AKGÜL C., GÜLTEN Ş.

1. Ulusal Kimya Eğitimi Kongresi, İstanbul, Turkey, 20 - 22 June 2007, pp.125

II. **Maleimit, Maleik Anhidrit Ve 3,4,5,6-Tetrahidroftalik Anhidritin Olefinik ve Asetilenik Bağ İçeren Moleküllerle Verdiği [2+2] Fotosiklokatılma Reaksiyonlarının İncelenmesi**

ÖZAY H., GÜLTEN Ş.

XIX. Ulusal Kimya Kongresi, Aydın, Turkey, 1 - 04 October 2005

III. **Amino Grubu İçeren Bileşiklerde Radikalik Yöntemle gerçekleşen Deaminasyon reaksiyonunun İncelenmesi**

GÜLTEN Ş., ÖZAY Ö.

16. Ulusal Kimya Kongresi, Konya, Turkey, 10 - 13 September 2002, pp.710

Supported Projects

GÜLTEN Ş., Project Supported by Higher Education Institutions, Farmasötik Öneme Sahip Çeşitli İzoksazol ve İzoksazolin Türevlerinin Ugi/İnoc Reaksiyonuyla Sentezi, 2010 - 2015

GÜLTEN Ş., MONCAL E., Project Supported by Higher Education Institutions, Bis Biginelli Dihidropirimidinlerin Asit Katalizli Ortamda Tek Kap Yöntemiyle Sentezi, 2014 - 2014

GÜLTEN Ş., AKSANLI E., Project Supported by Higher Education Institutions, Bazı yeni azakaliks[4]piridinriazinlerin

sentezi ve yapılarının spektroskopik yöntemlerle aydınlatılması, 2012 - 2013

GÜLTEN Ş., GÜLTEKİN Ö., Project Supported by Higher Education Institutions, Bazı yeni azakaliks[4]arenlerin sentezi ve yapılarının spektroskopik yöntemlerle aydınlatılması, 2012 - 2013

GÜLTEN Ş., Project Supported by Higher Education Institutions, Bazı Yeni Biginelli Bileşiklerinin, NiCl₂.6H₂O, FeCl₃.6H₂O, MgCl₂.6H₂O, MgBr₂ ve KH₂PO₄-PEG400 katalizörleriyle tek adımdasentezi ve karakterizasyonu, 2008 - 2010

GÜLTEN Ş., Project Supported by Higher Education Institutions, Yapısında Amino Grubu bulunduran organik bileşiklerden radikalik metotla amino grubunun çıkarılması reaksiyonlarının incelenmesi, 2001 - 2006

GÜLTEN Ş., CÜNDELLİ H., Project Supported by Higher Education Institutions, Maleik Anhidrit, maleimit ve 3,4,5,6-tetrahidrofitalik anhidritin molekül içi ve moleküller arası (2+2) fotokatılma reaksiyonlarının incelenmesi, 2004 - 2005

Memberships / Tasks in Scientific Organizations

Türkiye Kimya Derneği , Member, 2001 - 2019, Turkey

Scientific Refereeing

Molecular Diversity, Journal Indexed in SCI-E, July 2021

Molecular Diversity, Journal Indexed in SCI-E, April 2021

Journal Of Chemical Education, Journal Indexed in SCI-E, March 2021

ARCHIV DER PHARMAZIE, SCI Journal, January 2021

ORGANIC PREPARATIONS AND PROCEDURES INTERNATIONAL, SCI Journal, August 2020

ORGANIC PREPARATIONS AND PROCEDURES INTERNATIONAL, SCI Journal, December 2019

ORGANIC PREPARATIONS AND PROCEDURES INTERNATIONAL, SCI Journal, September 2019

JOURNAL OF HETEROCYCLIC CHEMISTRY, SCI Journal, December 2018

JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN, Journal Indexed in SCI-E, November 2018

The International Journal of Innovative Approaches in Science Research, Other Indexed Journal, September 2018

Current Catalysis, Other Indexed Journal, June 2017

MOLECULAR DIVERSITY, SCI Journal, April 2013

JOURNAL OF HETEROCYCLIC CHEMISTRY, SCI Journal, February 2013

MOLECULAR DIVERSITY, SCI Journal, January 2013

Reports In Organic Chemistry, Other Indexed Journal, May 2012

MOLECULAR DIVERSITY, SCI Journal, November 2011

Citations

Total Citations (WOS):36

h-index (WOS):3