

Prof. MUSA ÖZİL

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: G-6016-2015

ScopusID: 21743725400

Yoksis Researcher ID: 44246

Education Information

Post Doctorate, Universita Degli Studi di Milano, Department Of Chemistry, Italy 2018 - 2019

Doctorate, Recep Tayyip Erdogan University, Fen Bilimleri Enstitüsü, Kimya Anabilimdalı, Turkey 2005 - 2009

Postgraduate, Recep Tayyip Erdogan University, Fen Bilimleri Enstitüsü, Kimya Anabilimdalı, Turkey 2003 - 2005

Undergraduate, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Kimya Bölümü, Turkey 1999 - 2003

Foreign Languages

English, B2 Upper Intermediate

Italian, B1 Intermediate

Dissertations

Postgraduate, Naftalin-amid Türevi İçeren Ftalosiyanınların Sentezi ve Spektroskopik Özelliklerinin İncelenmesi, Ondokuz Mayıs University, Fen Bilimleri, Kimya Anabilimdalı, 2015

Doctorate, Mikrodalga Yöntemiyle Bazı Triazol Bileşiklerinin Katı Faz Ortamında Sentez ve İndirgenme Reaksiyonları, Karadeniz Technical University, Fen Bilimleri, Kimya Anabilimdalı, 2009

Research Areas

Biochemistry, Microbiology, Molecular Biology and Genetics, Chemistry, Health Sciences, Biochemistry, Organic Chemistry, Natural Sciences

Academic Titles / Tasks

Professor, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Kimya Bölümü, 2020 - Continues

Associate Professor, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Kimya Bölümü, 2014 - 2020

Assistant Professor, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Kimya Bölümü, 2010 - 2014
Research Assistant PhD, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Kimya Bölümü, 2009 - 2010
Research Assistant, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Kimya Bölümü, 2006 - 2009
Research Assistant, Karadeniz Technical University, Rize Fen Edebiyat Fakültesi, Kimya Bölümü, 2005 - 2006

Academic and Administrative Experience

Fakülte Kurulu Üyesi, Recep Tayyip Erdogan University, Turgut Kıran Denizcilik Fakültesi, 2024 - Continues
Fakülte Yönetim Kurulu Üyesi, Recep Tayyip Erdogan University, Turgut Kıran Denizcilik Fakültesi, 2024 - Continues
İş Sağlığı ve Güvenliği Sorumlu Müdür, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Kimya Bölümü, 2022 - Continues
Mevlana Exchange Program Department Coordinator, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Kimya Bölümü, 2010 - Continues
Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Kimya Bölümü, 2019 - 2022
Recep Tayyip Erdogan University, Teknik Bilimler Meslek Yüksekokulu, 2014 - 2017
Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Kimya, 2009 - 2014
Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Kimya, 2012 - 2013

Courses

Kimyada Bilgisayar Uygulamaları, Undergraduate, 2022 - 2023, 2021 - 2022
Adli Kimya, Undergraduate, 2022 - 2023, 2021 - 2022, 2019 - 2020
Yeşil Kimya, Doctorate, 2022 - 2023
Enstrümental Analiz Laboratuvarı, Undergraduate, 2022 - 2023
Organik Kimya Laboatuvarı I, Undergraduate, 2021 - 2022
Dönem Projesi, Undergraduate, 2021 - 2022
Kimyada İleri Bilgisayar Kullanımı, Postgraduate, 2021 - 2022
Adli Kimya ve Toksikoloji, Undergraduate, 2019 - 2020
Organik Reaksiyon Mekanizmaları, Postgraduate, 2020 - 2021
Organik Kimya I, Undergraduate, 2020 - 2021
Temel Bilgi Teknolojileri, Undergraduate, 2020 - 2021, 2019 - 2020

Advising Theses

Özil M., Synthesis and Investigation of Cholinesterase Activities of New Benzimidazole Compounds Containing Phenoxy Group on 5(6) Position, Postgraduate, T.MUHCU(Student), 2020
ÖZİL M., Benzoksazol ve Benzotiyazol Yapısı İçeren Heterohalkalı Bileşiklerin Sentezi Ve Bazı Biyolojik Özelliklerinin İncelenmesi, Postgraduate, Ö.Tuzcuoğlu(Student), 2018
ÖZİL M., Azol Türevli Heterohalka İçeren Bazı Bileşiklerin Sentezi, Yapılarının Aydınlatılması ve Çeşitli Biyolojik Aktivitelerinin İncelenmesi, Postgraduate, G.Tacal(Student), 2018
ÖZİL M., Piperazin ve Morfolin Türevli Yeni Benzimidazol Bileşiklerinin Sentez ve Karakterizasyonu, Postgraduate, C.Parlak(Student), 2018
ÖZİL M., Mikrodalga Destekli Yeni Benzimidazol Türevlerinin Sentezi, Yapılarının Aydınlatılması ve Bazı Biyolojik Özelliklerinin İncelenmesi, Postgraduate, S.YILMAZ(Student), 2015
ÖZİL M., Yapısında Oksadiazol ve Triazol Halkaları Bulunduran Benzimidazol Türevli Bileşiklerin Mikrodalga ve Geleneksel Yöntemle Sentezi ve Karakterizasyonu, Postgraduate, A.BELDÜZ(Student), 2015
ÖZİL M., Bazı Azol Türevli Heterohalkalı Kaynaşmış Bileşiklerin Mikrodalga Yöntemi İle Sentezi, Yapılarının Aydınlatılması

ve Biyolojik Özelliklerinin İncelenmesi, Postgraduate, O.BODUR(Student), 2013

ÖZİL M., Triazol Türevli Yeni Ftalosiyanınların Çözücüsüz Ortamda Mikrodalga Yöntemiyle Sentezi ve Karakterizasyonu, Postgraduate, M.Canpolat(Student), 2012

Jury Memberships

Doctorate, Doktora Tez Savunması, Karadeniz Teknik Üniversitesi, December, 2017

Post Graduate, Yüksek Lisans Tez Savunması, Karadeniz Teknik Üniversitesi, June, 2017

Post Graduate, Yüksek Lisans Tez Savunması Jüri Üyesi, Ondokuz Mayıs Üniversitesi, December, 2016

Doctorate, İdrar Örneklerinde Tritiyum Seviyesinin Belirlenmesi ve Bazı Biyokimyasal Parametrelerle İlişkisi, Fen Bilimleri Enstitüsü, September, 2015

Post Graduate, Yapısında Azo Grubu İçeren İyotlu ve İyotsuz Bazı Ftalosiyanınların Mikrodalga Yardımlı Sentezi ve Özelliklerinin İncelenmesi, Fen Bilimleri Enstitüsü, July, 2013

Post Graduate, Yeni Piyol Halkası İçeren Azakalkonların Sentezi, N-Alkil Türevleri, Antimikrobiyal Türevleri, Fen Bilimleri Enstitüsü, October, 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Synthesis of benzimidazoles containing piperazine ring as potential therapeutic agents against diabetes mellitus and antioxidant activities**
Özil M., Khan K. M., Baltaş N., Wadood A., Samad A., Kahveci B.
Journal of Molecular Structure, vol.1304, 2024 (SCI-Expanded)
- II. **Efficient, rapid, and high-yield synthesis of aryl Schiff base derivatives and their in vitro and in silico inhibition studies of hCA I, hCA II, AChE, and BuChE**
Özil M., Balaydin H., Dogan B., Sentürk M., Durdagi S.
ARCHIV DER PHARMAZIE, 2024 (SCI-Expanded)
- III. **Indenoquinoxaline-phenylacrylohydrazide hybrids as promising drug candidates for the treatment of type 2 diabetes: In vitro and in silico evaluation of enzyme inhibition and antioxidant activity**
Hameed S., Saleem F., Özil M., Baltaş N., Salar U., Ashraf S., Ul-Haq Z., Taha M., Khan K. M.
International Journal of Biological Macromolecules, vol.263, 2024 (SCI-Expanded)
- IV. **Indole-pyridine carbonitriles: multicomponent reaction synthesis and bio-evaluation as potential hits against diabetes mellitus**
Solangi M., Khan K. M., Ji X., Özil M., Baltaş N., Salar U., Khan A., Haq Z. U., Meghwar H., Taha M.
Future medicinal chemistry, vol.15, no.21, pp.1943-1965, 2023 (SCI-Expanded)
- V. **Multicomponent diastereoselective synthesis of tetrahydropyridines as α -amylase and α -glucosidase enzymes inhibitors**
Saleem F., Shamim F., Özil M., Baltaş N., Salar U., Ashraf S., Ul-Haq Z., Taha M., Solangi M., Khan K. M.
Future medicinal chemistry, vol.15, no.15, pp.1343-1368, 2023 (SCI-Expanded)
- VI. **Regioselective syntheses of 2-oxopyridine carbonitrile derivatives and evaluation for antihyperglycemic and antioxidant potential**
Saleem F., Haider M., Mohammed Khan K., Özil M., Baltaş N., Ul-Haq Z., Qureshi U., Salar U., Taha M., Hameed S., et al.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.241, pp.124589, 2023 (SCI-Expanded)
- VII. **Binuclear Cu(II), Ni(II) and Zn(II) complexes of hydrazone Schiff bases: Synthesis, spectroscopy, DFT calculations, and SOD mimetic activity**
Zengin A., Serbest K., Emirik M., Özil M., Mentşe E., Faiz Ö.
JOURNAL OF MOLECULAR STRUCTURE, vol.1278, 2023 (SCI-Expanded)
- VIII. **Bioevaluation of synthetic pyridones as dual inhibitors of α -amylase and α -glucosidase enzymes and potential antioxidants**
Saleem F., Khan K. M., Ullah N., Özil M., Baltaş N., Hameed S., Salar U., Wadood A., Rehman A. U., Kumar M., et al.

ARCHIV DER PHARMAZIE, vol.356, no.1, 2023 (SCI-Expanded)

- IX. **Hydrazinyl thiazole linked indenoquinoxaline hybrids: Potential leads to treat hyperglycemia and oxidative stress; Multistep synthesis, alpha-amylase, and antioxidant activities**
Hameed S., Khan K. M., Salar U., Özil M., Baltaş N., Saleem F., Qureshi U., Taha M., Ul-Haq Z.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.221, pp.1294-1312, 2022 (SCI-Expanded)
- X. **Recent advances on smart glycoconjugate vaccines in infections and cancer**
Anderluh M., Berti F., Bzducha-Wrobel A., Chiodo F., Colombo C., Compostella F., Durlík K., Ferhati X., Holmdahl R., Jovanovic D., et al.
FEBS JOURNAL, vol.289, no.14, pp.4251-4303, 2022 (SCI-Expanded)
- XI. **Developing a scaffold for urease inhibition based on benzothiazoles: Synthesis, docking analysis, and therapeutic potential**
Özil M., Tuzcuoglu O., Emirik M., Baltaş N.
ARCHIV DER PHARMAZIE, vol.354, no.12, 2021 (SCI-Expanded)
- XII. **Emerging glyco-based strategies to steer immune responses**
Anderluh M., Berti F., Bzducha-Wrobel A., Chiodo F., Colombo C., Compostella F., Durlík K., Ferhati X., Holmdahl R., Jovanovic D., et al.
FEBS JOURNAL, vol.288, no.16, pp.4746-4772, 2021 (SCI-Expanded)
- XIII. **Synthesis and Molecular Docking Studies of Potent Urease Inhibitors Based on Benzoxazole Scaffold**
Özil M., Tuzcuoglu O., Baltaş N., Emirik M.
CHEMISTRYSELECT, vol.6, no.21, pp.5307-5312, 2021 (SCI-Expanded)
- XIV. **Synthesis and Molecular Docking Studies of Novel Triazole Derivatives as Antioxidant Agents**
Ozil M., Tacal G., Baltas N., Emirik M.
LETTERS IN ORGANIC CHEMISTRY, vol.17, no.4, pp.309-320, 2020 (SCI-Expanded)
- XV. **Synthesis of 5-methyl-2,4-dihydro-3H-1,2,4-triazole-3-one's aryl Schiff base derivatives and investigation of carbonic anhydrase and cholinesterase (AChE, BuChE) inhibitory properties**
Ozil M., Balaydin H. T., ŞENTÜRK M.
BIOORGANIC CHEMISTRY, vol.86, pp.705-713, 2019 (SCI-Expanded)
- XVI. **Synthesis and glutathione reductase inhibitory properties of 5-methyl-2,4-dihydro-3H-1,2,4-triazol-3-one's aryl Schiff base derivatives**
Balaydin H. T., Ozil M., Senturk M.
ARCHIV DER PHARMAZIE, vol.351, no.8, 2018 (SCI-Expanded)
- XVII. **A simple and efficient synthesis of benzimidazoles containing piperazine or morpholine skeleton at C-6 position as glucosidase inhibitors with antioxidant activity**
Ozil M., Parlak C., Baltas N.
BIOORGANIC CHEMISTRY, vol.76, pp.468-477, 2018 (SCI-Expanded)
- XVIII. **Synthesis and characterization of two new hydroxamic acids derivatives and their metal complexes. An investigation on the keto/enol, E/Z and hydroxamate/hydroxirrate forms**
Adiguzel E., Yilmaz F., Emirik M., Ozil M.
JOURNAL OF MOLECULAR STRUCTURE, vol.1127, pp.403-412, 2017 (SCI-Expanded)
- XIX. **Molecular docking studies and synthesis of novel bisbenzimidazole derivatives as inhibitors of alpha-glucosidase**
Ozil M., Emirik M., Beldüz A., Ulker S.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.24, no.21, pp.5103-5114, 2016 (SCI-Expanded)
- XX. **A simple and efficient synthesis of novel inhibitors of alpha-glucosidase based on benzimidazole skeleton and molecular docking studies**
Ozil M., Emirik M., ETLİK S. Y., ULKER S., KAHVECİ B.
BIOORGANIC CHEMISTRY, vol.68, pp.226-235, 2016 (SCI-Expanded)
- XXI. **A Convenient Synthesis of Bisbenzimidazoles from Iminoester Hydrochlorides Via Microwave Technique**
KAHVECİ B., Mentese E., Ozil M., Yilmaz F., Serdar M.
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.53, no.3, pp.975-980, 2016 (SCI-Expanded)

- XXII. **Microwave-promoted synthesis and biological activity of some 2-hetarylmethyl-4-(4-hetarylphenyl)-5-methyl-2,4-dihydro-3H-1,2,4-triazol-3-one derivatives**
Ozil M., Bodur O., Ulker S., Kahveci B.
CHEMISTRY OF HETEROCYCLIC COMPOUNDS, vol.51, no.1, pp.88-96, 2015 (SCI-Expanded)
- XXIII. **Microwave-Assisted Synthesis of Some Novel Benzimidazole Derivatives Containing Imine Function and Evaluation of Their Antimicrobial Activity**
KAHVECİ B., Yilmaz F., Mentese E., Ozil M., Karaoglu S. A.
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.51, no.4, pp.982-990, 2014 (SCI-Expanded)
- XXIV. **An efficient synthesis of benzimidazoles via a microwave technique and evaluation of their biological activities**
KAHVECİ B., Mentese E., Ozil M., Ulker S., Erturk M.
MONATSHFTE FUR CHEMIE, vol.144, no.7, pp.993-1001, 2013 (SCI-Expanded)
- XXV. **Ecofriendly Solventless Synthesis and Reduction Reaction of Some Triazole Compounds and Evaluation of Their Antimicrobial Activity**
Ozil M., Mentese E., Karaoglu S. A., KAHVECİ B.
SYNTHETIC COMMUNICATIONS, vol.43, no.9, pp.1328-1336, 2013 (SCI-Expanded)
- XXVI. **Efficient Synthesis of 5-(Substituted)benzyl-2,4-Dihydro-3H-1,2,4-Triazol-3-Ones Using Microwave Irradiation**
KAHVECİ B., Mentese E., Ozil M., BEKİRCAN O.
JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN, vol.35, no.2, pp.411-414, 2013 (SCI-Expanded)
- XXVII. **Solvent-free synthesis of novel phthalocyanines containing triazole derivatives under microwave irradiation**
Ozil M., CANPOLAT M.
POLYHEDRON, vol.51, pp.82-89, 2013 (SCI-Expanded)
- XXVIII. **Rapid and Efficient Microwave-Assisted Synthesis of Some New Triazol-3-one Derivatives**
MENTEŞE E., ÖZİL M., Karaoglu Ş., KAHVECİ B.
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.50, no.2, pp.386-390, 2013 (SCI-Expanded)
- XXIX. **Synthesis of novel triazol compounds containing isatin as potential antibacterial and antifungal agents by microwave and conventional methods**
ÖZİL M., MENTEŞE E., YILMAZ F., İSLAMOĞLU F., KAHVECİ B.
JOURNAL OF CHEMICAL RESEARCH, no.5, pp.268-271, 2011 (SCI-Expanded)
- XXX. **Silorane-Based Composite: Depth of Cure, Surface Hardness, Degree of Conversion, and Cervical Microleakage in Class II Cavities**
Kusgoz A., Ulker M., Yesilyurt C., Yoldas O. H., Özil M., Tanriver M.
JOURNAL OF ESTHETIC AND RESTORATIVE DENTISTRY, vol.23, no.5, pp.324-335, 2011 (SCI-Expanded)
- XXXI. **Microwave-Assisted Synthesis of Novel 2,4-Dihydro-5-[4-(trifluoromethyl)phenyl]-3H-1,2,4-triazol-3-ones and Potentiometric Determination of Their pK(a) in Nonaqueous Solvents**
ÖZİL M., İSLAMOĞLU F., MENTEŞE E., KAHVECİ B.
HELVETICA CHIMICA ACTA, vol.93, no.10, pp.1967-1974, 2010 (SCI-Expanded)
- XXXII. **Determination of the Protonation Constants of Triazole Derivatives in Non-Aqueous Solvents**
İSLAMOĞLU F., KAHVECİ B., ÖZİL M., Akyuz E., Mentese E., Ekinci A. P.
ASIAN JOURNAL OF CHEMISTRY, vol.21, no.2, pp.1453-1459, 2009 (SCI-Expanded)
- XXXIII. **Microwave-assisted synthesis and antifungal activity of some new 1H-1,2,4-triazole derivatives**
KAHVECİ B., ÖZİL M., MENTEŞE E., Bekircan O., Buruk K.
RUSSIAN JOURNAL OF ORGANIC CHEMISTRY, vol.44, no.12, pp.1816-1820, 2008 (SCI-Expanded)
- XXXIV. **Studies on the protonation constants of some triazoles in ethanol-water mixtures**
İSLAMOĞLU F., KAHVECİ B., ÖZİL M., Akyuz E.
ASIAN JOURNAL OF CHEMISTRY, vol.20, no.5, pp.3569-3578, 2008 (SCI-Expanded)
- XXXV. **Microwave-assisted synthesis of some 1,2,4-triazol-5-one derivatives**
Kahveci B., Oezil M., Serdar M.
HETEROATOM CHEMISTRY, vol.19, no.1, pp.38-42, 2008 (SCI-Expanded)

- XXXVI. **Microwave-assisted and conventional synthesis of new phthalocyanines containing 4-(p-fluorophenyl)-3-methyl-4,5-dihydro-1H-1,2,4-triazol-5-one moieties**
KAHVECI B., Oezil M., Kantar C., Sasmaz S., ISIK S., KOEYSAL Y.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.692, no.22, pp.4835-4842, 2007 (SCI-Expanded)
- XXXVII. **Microwave-assisted synthesis and characterization of novel metal-free and metallophthalocyanines containing four 14-membered tetraaza macrocycles**
BIYIKLIOGLU Z., KANTEKIN H., Oezil M.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.692, no.12, pp.2436-2440, 2007 (SCI-Expanded)
- XXXVIII. **Microwave-assisted synthesis and characterization of the monomeric phthalocyanines containing naphthalene-amide group moieties and the polymeric phthalocyanines containing oxa-aza bridge**
Ozil M., AGAR E., Sasmaz S., KAHVECI B., AKDEMIR N., GUMRUKCUOGLU I. E.
DYES AND PIGMENTS, vol.75, no.3, pp.732-740, 2007 (SCI-Expanded)
- XXXIX. **Synthesis and properties of triazol-5-one substituted phthalocyanines by microwave irradiation**
KAHVECI B., Sasmaz S., Ozil M., Kantar C., KOSAR B., BUYUKGUNGOR O.
TURKISH JOURNAL OF CHEMISTRY, vol.30, no.6, pp.681-689, 2006 (SCI-Expanded)
- XL. **4-(5-Indanyloxy)phthalonitrile**
Yazici S., Akdemir N., Agar E., Ozil M., Senel I.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.61, 2005 (SCI-Expanded)
- XLI. **4,5-Bis(3-methoxyphenylsulfanyl)phthalonitrile**
AKBAL T., AKDEMIR N., Ozil M., AGAR E., ERDONMEZ A.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.61, 2005 (SCI-Expanded)
- XLII. **12,13-dihydro-12-oxo-13-phenylbenzo[b]-naphth[f][1,4]oxazepine-2,3-dicarbonitrile**
ISIK S., YAVUZ M. Ç., AKDEMIR N., AGAR E., Ozil M.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.61, 2005 (SCI-Expanded)
- XLIII. **4,5-Bis(5-isopropyl-2-methylphenoxy)-phthalonitrile**
OCAK N., YAVUZ M. Ç., ISIK S., AKDEMIR N., AGAR E., Ozil M.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.61, 2005 (SCI-Expanded)
- XLIV. **4-(3-methoxyphenylsulfanyl)phthalonitrile**
ERDEM T., ATALAY S., AKDEMIR N., AGAR E., Ozil M.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.60, 2004 (SCI-Expanded)
- XLV. **4-(3-Pyridyloxy)phthalonitrile**
Yazici S., Akdemir N., Agar E., Ozil M., Senel I., Buyukgungor O.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.60, 2004 (SCI-Expanded)
- XLVI. **4-Diphenylmethoxyphthalonitrile**
Petek H., Akdemir N., Agar E., Ozil M., Senel I.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.60, 2004 (SCI-Expanded)
- XLVII. **4-(1-indanyloxy)phthalonitrile**
DINCER M., OZDEMIR N., AKDEMIR N., Ozdil M., AGAR E., BUYUKGUNGOR O.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.60, 2004 (SCI-Expanded)
- XLVIII. **Dimethyl 2,2'-(4,5-dicyano-o-phenylenedioxy)dibenzoate**
OCAK N., BUYUKGUNGOR O., AKDEMIR N., AGAR E., Ozil M., ERDONMEZ A.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.60, 2004 (SCI-Expanded)
- XLIX. **4,4'-(4,4'-Thiodiphenoxy)diphthalonitrile**
Petek H., Akdemir N., Ozil M., Agar E., Senel I.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.60, 2004 (SCI-Expanded)
- L. **4-(4-benzyloxyphenoxy)phthalonitrile**
KARADAYI N., ISIK S., AKDEMIR N., AGAR E., Ozil M.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.60, 2004 (SCI-Expanded)

Articles Published in Other Journals

- I. **Microwave-Assisted Synthesis of Benzoxazole Derivatives**
Özil M., Menteşe E.
CURRENT MICROWAVE CHEMISTRY, vol.7, no.3, pp.183-195, 2020 (ESCI)
- II. **Microwave-Assisted Synthesis of Some 1,2,4-Triazol-3-Ones and Potentiometric Determination of Their pKa in Amfiprotic and Dipolar Aprotic-Water Mixtures**
İslamoğlu F., Menteşe E., Özil M., Akyüz Turumtay E., Kahveci B.
Journal of Chemical and Pharmaceutical Research, vol.5, pp.91-98, 2013 (Peer-Reviewed Journal)
- III. **Microwave-assisted synthesis of some 1,2,4-triazol-3-ones and potentiometric determination of their pKa in Amfiprotic and dipolar aprotic-water mixtures**
İslamoğlu F., Menteşe E., ÖZİL M., Akyüz Turumtay E., Kahveci B.
Journal of Chemical and Pharmaceutical Research, no.5, pp.91-98, 2013 (Peer-Reviewed Journal)
- IV. **Synthesis and Reduction Reaction of Novel Triazole Compounds in the Solid-Media Condition By Using Microwave Method**
Özil M., Menteşe E., Kahveci B.
European Journal of Chemistry, no.4, pp.442-446, 2012 (Peer-Reviewed Journal)
- V. **Determination of the protonation constant of some new 3-alkyl(aryl)-4-(p-carboxyphenyl)-4,5-dihydro-1H-1,2,4-triazole-5-one derivative compounds with spectrophotometric method**
İslamoğlu F., Aksu İ., Özil M., Akyüz E., Menteşe E., Kahveci B.
Journal of Chemical and Pharmaceutical Research, no.2, pp.551-558, 2010 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Bir Bakışta Heterosiklik Kimya**
KAHVECİ B., ÖZİL M., MENTEŞE E.
Gazi Kitabevi, Ankara, 2017
- II. **Mikrodalga Destekli Organik Senteze Giriş**
Kahveci B., ÖZİL M., MENTEŞE E.
Gazi Kitabevi, Ankara, 2015

Refereed Congress / Symposium Publications in Proceedings

- I. **Hydrazinyl thiazole linked indenoquinoxaline hybrids: Potential leads to treat hyperglycemia and oxidative stress; Multistep synthesis, α -amylase, α -glucosidase inhibitory and antioxidant activities**
Hameed S., Mohammed Khan K., ÖZİL M., Ul-Haq Z.
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- II. **Pyridines as potential and dual inhibitors of α -amylase and α -glucosidase enzymes: Synthesis, characterization, in vitro, in silico, and kinetics studies**
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