

Assoc. Prof. GÖKÇE MEREY

Personal Information

Office Phone: [+90 216 777 5785](tel:+902167775785)

Web: <https://avesis.marmara.edu.tr/14571>

Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Chemistry, Turkey 2004 - 2010

Post Graduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Chemistry, Turkey 2002 - 2004

Under Graduate, Istanbul Technical University, Fen-Edebiyat, Kimya, Turkey 1998 - 2002

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Reactivity of Amide and Imine Compounds with Metallocarbene Intermediates, Istanbul Technical University, Fen Bilimleri Enstitüsü, Chemistry, 2010

Post Graduate, Reactions of α,β -Conjugated Carbonyl Compounds with Diazobiscarbonyl Compounds, Istanbul Technical University, Fen Bilimleri Enstitüsü, Chemistry, 2004

Research Areas

Biotechnology, Organic Chemistry, Chemistry of Natural Products, Chemistry of Heterocyclic Compounds, Organic Reaction Mechanisms, Organic Spectroscopy, Stereochemistry and Conformational Analysis, Natural Sciences

Academic Titles / Tasks

Associate Professor, Marmara University, Faculty Of Health Sciences, Basic Health Sciences, 2021 - Continues

Associate Professor, Hitit University, Faculty Of Engineering, Department Of Chemistry Engineering, 2017 - 2021

Assistant Professor, Hitit University, Faculty Of Engineering, Department Of Chemistry Engineering, 2012 - 2017

Research Assistant, Istanbul Technical University, Fen-Edebiyat, Kimya, 2003 - 2012

Academic and Administrative Experience

Rektörlük Kalite Komisyonu Üyesi, Hitit University, Rectorate, 2019 - 2021

Erasmus Coordinator, Hitit University, Rectorate, 2013 - 2021

Enstitü Yönetim Kurulu Üyesi, Hitit University, Institute Of Science, 2017 - 2020

Member of the Senate, Hitit University, Rectorate, 2017 - 2020

Director of Vocational School, Hitit University, Academy Of Foreign Languages, 2017 - 2020

Mevlana Exchange Program Coordinator, Hitit University, Rectorate, 2017 - 2020

Head of International Office, Hitit University, Rectorate, 2013 - 2020

Bologna Coordination Commission Member, Hitit University, Rectorate, 2013 - 2016

Advising Theses

Merey G., Anaç O., Atom-Economic Synthesis of Heterocycles with Carbonyl Function, Doctorate, H.Nur(Student), Continues

Merey G., Effect of Pelemir (Cephalaria Syriaca) Flour on Protein Composition of Bakery Products, Post Graduate, E.ÖNDER(Student), Continues

Merey G., Synthesis of Heterocyclic Compounds To Be Used in Medicine, Post Graduate, T.AYVAZ(Student), Continues

Merey G., Effective Parameters for the Synthesis of Heterocyclic Compounds, Post Graduate, N.Ece(Student), Continues

Merey G., Change of Advanced Glycation Products in Pelemir (Cephalaria Syriaca) Flour Added Bakery Products , Post Graduate, N.Nur(Student), Continues

Merey G., Synthesis of Molecules Having Potential Anti-Biofilm Property via Diazo Reactions, Post Graduate, F.ÇİVELEK(Student), 2020

Merey G., Synthesis and Characterization of Heterocyclic Compounds via Carbene Transfer Reactions, Post Graduate, Ş.ŞAHİN(Student), 2019

Merey G., Investigation of Hardness, Microstructure and Corrosion Properties of Boron Coated St 50-2, AISI 1045 and C-22 Steels, Post Graduate, B.AKIN(Student), 2017

Merey G., Investigation of Diazocarbonyl Compounds for the Synthesis of Heterocyclic Compounds, Post Graduate, G.SEZEN(Student), 2015

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

- I. **CuCl/AgSbF₆ and Rh-2(OAc)₄ Comparison for the Synthesis of N-O Tethered Three and Five Membered Rings via Diazo Chemistry**
Merey G., Kubilay H. N. , Anac O.
CHEMISTRY LETTERS, vol.50, no.4, pp.668-671, 2021 (Journal Indexed in SCI)
- II. **Chemoselective Carbenoid Reactions of Furan/Thiophene/Pyrrole Ring Containing Carbonyl and Conjugated Carbonyl at Their 2-Positions**
Seyma Gungor F., Merey G., Anac O.
CHEMISTRYSELECT, vol.5, no.17, pp.5337-5340, 2020 (Journal Indexed in SCI)
- III. **Synthetic strategies towards the carbenoid reactions of alpha,beta-acetylenic carbonyls**
Kışkan F. Ş. , Ozguz E., Anac O., Tarakci N., Merey G.
TURKISH JOURNAL OF CHEMISTRY, vol.42, no.5, pp.1384-1397, 2018 (Journal Indexed in SCI)
- IV. **Atom-Economical Synthesis of Complex Heterocycles with N-O Moiety**
Merey G., Sezen G.
HELVETICA CHIMICA ACTA, vol.98, no.9, pp.1315-1324, 2015 (Journal Indexed in SCI)
- V. **N-O Tethered Carbenoid Cyclopropanation Facilitates the Synthesis of a Functionalized Cyclopropyl-Fused Pyrrolidine**
Kalia D., Merey G., Guo M., Sintim H. O.
JOURNAL OF ORGANIC CHEMISTRY, vol.78, no.12, pp.6131-6142, 2013 (Journal Indexed in SCI)
- VI. **Nucleotide, c-di-GMP, c-di-AMP, cGMP, cAMP, (p)ppGpp signaling in bacteria and implications in pathogenesis**
Kalia D., Merey G., Nakayama S., Zheng Y., Zhou J., Luo Y., Guo M., Roembke B. T. , Sintim H. O.
CHEMICAL SOCIETY REVIEWS, vol.42, no.1, pp.305-341, 2013 (Journal Indexed in SCI)
- VII. **The Reactions of α -Ylidene (Vinylidene, Benzylidene, Styrylmethylidene) Bis[carbonyls] with Copper Mono/Bis[carbonylcarbenoids]**
Merey G., Kaya M., Anac O.

- HELVETICA CHIMICA ACTA, vol.95, no.8, pp.1409-1424, 2012 (Journal Indexed in SCI)
- VIII. **Copper-Catalyzed Bis(methoxycarbonyl)carbene Reactions of alpha,beta-Unsaturated Carboxamides**
Merey G., Anac O.
HELVETICA CHIMICA ACTA, vol.94, no.6, pp.1053-1064, 2011 (Journal Indexed in SCI)
- IX. **The rhodium(II) carbenoid cyclization-cycloaddition cascade of alpha-diazo dihydroindolinones for the synthesis of novel azapolycyclic ring systems**
England D. B. , Eagan J. M. , Merey G., Anac M., Padwa A.
TETRAHEDRON, vol.64, no.6, pp.988-1001, 2008 (Journal Indexed in SCI)
- X. **Substitution and cyclization reactions involving the quasi-antiaromatic 2H-indol-2-one ring system**
England D. B. , Merey G., Padwa A.
ORGANIC LETTERS, vol.9, no.19, pp.3805-3807, 2007 (Journal Indexed in SCI)
- XI. **Utilization of the antiaromatic 2H-indol-2-one ring system for the synthesis of substituted spiro-oxindoles**
England D. B. , Merey G., Padwa A.
HETEROCYCLES, vol.74, pp.491-506, 2007 (Journal Indexed in SCI)
- XII. **Synthesis of highly functionalized gamma-lactones via 1,5-electrocyclic ring closure**
Anac O., Kışkan F. Ş. , Merey G.
HELVETICA CHIMICA ACTA, vol.89, no.6, pp.1231-1240, 2006 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **AN INTERNATIONAL ASPECT IN TURKISH HIGHER EDUCATION SYSTEM**
MEREY G., ALKAN R. M.
The Online Journal of Quality in Higher Education, vol.4, no.1, pp.9-20, 2017 (Refereed Journals of Other Institutions)
- II. **An Overview of International Education in Higher Education from a Macro Perspective**
MEREY G., ALKAN R. M.
The Online Journal of New Horizons in Education, vol.5, no.4, pp.37-40, 2015 (Refereed Journals of Other Institutions)
- III. **Internationalization As an Important Factor on University Industry Collaboration**
MEREY G., ALKAN R. M.
The Online Journal of New Horizons in Education, vol.5, no.2, pp.1-5, 2015 (Refereed Journals of Other Institutions)

Books & Book Chapters

- I. **Organik Kimya Deneyleri ve Teknikleri**
Çolak D., Ünlü C. H. , Kumbaracı İ. V. , Kışkan F. Ş. , Kışkan B., Aydoğan A., Merey G., Ergüneş Işık D., İnceoğlu Ş., Gacal B., et al.
İTÜ İnşaat Fakültesi Matbaası, İstanbul, 2009

Refereed Congress / Symposium Publications in Proceedings

- I. **INTERACTION OF INSOLUBLE SILICA GEL DERIVATIVES WITH SIGNALING NUCLEOTIDE OF BACTERIA**
TÜRKSOY S., BİÇER M., MEREY G.
5th International Conference on New Trends in Chemistry, 22 - 24 April 2019, pp.32
- II. **An Overview Of Internationalization Process In Higher Education Institutions**

MEREY G., ALKAN R. M.

International Conference on Quality in Higher Education 2016, Sakarya, Turkey, 24 - 25 November 2016

- III. **Protein Isolates of Grain Legumes Extraction Methods and Applications in Food and Other Industries**
Biçer M., MEREY G., TÜRKSOY S.
15th International Cereal and Bread Congress, İstanbul, Turkey, 18 - 21 April 2016
- IV. **CONSTRUCTION OF FIVE MEMBERED HETEROCYCLES WITH N O MOIETY**
MEREY G., Sezen G., Eraslan G.
16th Tetrahedron Symposium Asia Edition, 10 - 13 November 2015
- V. **Effect of Exchange Programs in Terms of Internationalization on University Industry Collaboration**
MEREY G., ALKAN R. M.
International Teacher Education (ITEC 2015), 2 - 04 September 2015
- VI. **Metal Catalyzed Carbene Reactions of Conjugated Amides**
MEREY G., ANAÇ O.
IUPAC 44th World Chemistry Congress, İstanbul, Turkey, 11 - 16 August 2013, pp.1493
- VII. **The Reactions of alfa Ylidene Biscarbonyls with Copper Carbonylcarbenoids**
MEREY G., ANAÇ O.
15th Tetrahedron Symposium, Londrina, Brazil, 24 - 27 June 2014, vol.1, pp.50
- VIII. **The rhodium II catalyzed reactions of diazo dihydroindolinones containing tethered alkenyl groups**
MEREY G., England D., ANAÇ O., Padwa A.
Zing Heavier Heterocycles and Heteroatom Chemistry Conference, Cancun, Mexico, 25 - 28 February 2008
- IX. **Preparation of unsaturated imines for the catalytic reactions with dimethyl diazomalonate**
Tarakçı N., MEREY G., KIŞKAN F. Ş. , ANAÇ O.
Zing Heavier Heterocycles and Heteroatom Chemistry Conference, Cancun, Mexico, 25 - 28 February 2008, pp.41
- X. **1 5 Elektrosiklik halka kapanma reaksiyonları ile laktonların sentezi**
MEREY G., KIŞKAN F. Ş. , ANAÇ O.
10. Ulusal Kimya Kongresi, Kayseri, Turkey, 4 - 08 September 2006

Supported Projects

Merey G., Project Supported by Higher Education Institutions, Konjuge Amidlerin Elektron Akseptörü Diazo Bileşiklerine Karşı Reaktivitelerinin İncelenmesi, 2019 - 2021

Merey G., Kubilay H. N. , Anaç O., Project Supported by Higher Education Institutions, Karbonil Fonksiyonu İçeren Heterohalkaların Atom Ekonomik Sentezi, 2017 - 2021

Merey G., Türksoy S., Project Supported by Higher Education Institutions, Bakteriyel Biyofilm Oluşumunu Engelleyecek Moleküllerin Sentezi ve Anti-Biyofilm Etkinliklerinin İncelenmesi, 2017 - 2019

Merey G., Akın Gödek B., Project Supported by Higher Education Institutions, Bor Kaplama Yapılan St 50-2, AISI 1045 ve C-22 Çeliklerin Sertlik, Mikroyapı ve Korozyon Özelliklerinin İncelenmesi, 2014 - 2017

Merey G., Sezen G., Project Supported by Higher Education Institutions, Heterosiklik Bileşiklerin Sentezine Yönelik Diazokarbonil Bileşiklerinin İncelenmesi, 2014 - 2015

Merey G., Project Supported by Higher Education Institutions, Fonksiyonel Diazo Bilesiklerinin Katalitik Reaksiyonları ile Biyolojik Aktif Bilesiklerin Temel Yapıtışı Olan Heterosiklik Bilesiklerin Sentezi, 2013 - 2015

Merey G., Aldaş Candan Ö., Kışkan F. Ş. , Anaç O., Project Supported by Higher Education Institutions, Konjuge Karbonil İlidlerden Heterosiklik Halkalar Olusturma Reaksiyonunda Etkin Parametreler, 2009 - 2011

Merey G., Anaç O., Project Supported by Higher Education Institutions, Amid ve İminlerin Metalokarben Araürünlerine Karşı Reaktivitesi, 2007 - 2010

Merey G., Kışkan F. Ş. , Anaç O., Project Supported by Higher Education Institutions, Biyolojik Aktif Bilesiklerdeki Furan Kökenli Motiflerin Olusturulmasında Perisiklik Yöntemlerin İrdelenmesi, 2004 - 2006

Merey G., Anaç O., Project Supported by Higher Education Institutions, Bazı alfa beta Konjuge Karbonil Bilesiklerinin Diazobis Karbonil Bilesikleriyle Reaksiyonları, 2003 - 2004

Activities in Scientific Journals

Current Organocatalysis, Committee Member, 2019 - Continues

Citations

Total Citations (WOS):325

h-index (WOS):6