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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: D-4302-2011

ScopusID: 57204198214

Yoksis Researcher ID: 151629

Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 2003 - 2010

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Kimya Anabilim Dalı, Turkey 2000 - 2002

Undergraduate, Istanbul Technical University, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 1995 - 1999

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Enaminon Bileşiklerinin Metal Karben Ara Ürünlerine Karşı Reaktivitesi, Istanbul Technical University, Fen-Edebiyat, Kimya, 2010

Postgraduate, 2-Diazo-3-oksobutanal'in karbenik reaksiyonları, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Anabilim Dalı, 2002

Research Areas

Chemistry of Dyes and Pigments, Chemistry of Natural Products, Chemistry of Heterocyclic Compounds, Chemistry of Macromolecules, Organic Reaction Mechanisms, Organic Spectroscopy, Organometallics, Free Radicals

Academic Titles / Tasks

Research Assistant, Istanbul Technical University, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2001 - Continues

Courses

Kromatografi, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
Genel Kimya, Undergraduate, 2023 - 2024, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
Serbest Radikal Kimyası, Doctorate, 2021 - 2022, 2020 - 2021
Yeşil Kimya, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
Molecular Rearrangement Reactions, Doctorate, 2022 - 2023
Tekstil Boyar maddeleri, Undergraduate, 2020 - 2021, 2019 - 2020
General Chemistry I Lab, Undergraduate, 2021 - 2022, 2020 - 2021, 2018 - 2019, 2017 - 2018
Moleküler Düzenlenme Reaksiyonları, Doctorate, 2019 - 2020, 2018 - 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Investigating oxazine exchange reactions for thermally curable naphthoxazine synthesis**
Kışkan F. Ş.
EUROPEAN POLYMER JOURNAL, vol.196, pp.112285, 2023 (SCI-Expanded)
- II. **Copper-catalyzed reactions of β -alkoxy/phenoxy enones with dimethyl diazomalonate**
Kışkan F. Ş.
TURKISH JOURNAL OF CHEMISTRY, vol.47, no.1, pp.81-87, 2023 (SCI-Expanded)
- III. **Synthesis and characterization of pyrrole-based benzoxazine monomers and polymers**
Erdeger M., Kışkan B., Gungor F. S.
EUROPEAN POLYMER JOURNAL, vol.179, 2022 (SCI-Expanded)
- IV. **Non-peripherally substituted metallophthalocyanines catalyzed diastereoselective carbonyl-ylide reactions: Synthesis and DFT calculations**
Güngör F. Ş., Sesalan B. Ş., Tüzün N., Özkılıç Y., Anaç O.
TETRAHEDRON, vol.80, 2021 (SCI-Expanded)
- V. **Chemoselective Carbenoid Reactions of Furan/Thiophene/Pyrrole Ring Containing Carbonyl and Conjugated Carbonyl at Their 2-Positions**
Güngör F. Ş., Merey G., Anaç O.
ChemistrySelect, vol.5, no.17, pp.5337-5340, 2020 (SCI-Expanded)
- VI. **Combining naphthoxazines and benzoxazines for non-symmetric curable oxazines by one-pot synthesis**
Güngör F. Ş., Bati B., Kışkan B.
EUROPEAN POLYMER JOURNAL, vol.121, 2019 (SCI-Expanded)
- VII. **Tailoring polyvinyl alcohol with triazinanes and formaldehyde**
Güngör F. Ş., Kışkan B.
Reactive and Functional Polymers, vol.124, pp.115-120, 2018 (SCI-Expanded)
- VIII. **Synthetic strategies towards the carbenoid reactions of α,β -acetylenic carbonyls**
Kışkan F. Ş., Ozguz E., Anaç O., Tarakci N., Merey G.
TURKISH JOURNAL OF CHEMISTRY, vol.42, no.5, pp.1384-1397, 2018 (SCI-Expanded)
- IX. **Reactions of (1E)-buta-1,3-dien-1-yl acetate with diazocarbonyl compounds**
Kubilay H. N., Güngör F. Ş., Anaç O.
Helvetica Chimica Acta, vol.98, no.9, pp.1245-1253, 2015 (SCI-Expanded)
- X. **One-pot synthesis of poly(triazole-graft-caprolactone) via ring-opening polymerization combined with click chemistry as a novel strategy for graft copolymers**
Güngör F. Ş., Kışkan B.
Reactive and Functional Polymers, vol.75, no.1, pp.51-55, 2014 (SCI-Expanded)
- XI. **Reactions of enamines with diazocarbonyl compounds**
Güngör F. Ş., Hancıoğlu N., Anaç O.
Helvetica Chimica Acta, vol.96, no.3, pp.488-493, 2013 (SCI-Expanded)
- XII. **Synthesis of the naphthalenone, dihydroquinoline, and dihydrofuran derivatives**
Güngör F. Ş., Anaç O., Sezer Ö.

- Helvetica Chimica Acta, vol.94, no.6, pp.1115-1129, 2011 (SCI-Expanded)
- XIII. **Electrocyclization reactions of vinyl, styryl, and butadienyl conjugated carbonyl/azomethine ylides**
Anac O., Güngör F. Ş.
Tetrahedron, vol.66, no.32, pp.5931-5953, 2010 (SCI-Expanded)
- XIV. **Carbonyl ylide reactions of α -benzylidene- β -dicarbonyl compounds: competitive formation of dihydrofurans and dihydrobenzoxepines**
Anac O., Sezer Ö., Candan O., Güngör F. Ş., Cansever M. S.
Tetrahedron Letters, vol.49, no.6, pp.1062-1065, 2008 (SCI-Expanded)
- XV. **Observations on the copper(II) catalyzed reactions of enaminones and dimethyl diazomalonate**
Güngör F. Ş., Anac O., Sezer Ö.
Tetrahedron Letters, vol.48, no.28, pp.4883-4886, 2007 (SCI-Expanded)
- XVI. **Metal-catalyzed cyclization reactions of carbonyl ylides: Synthesis and DFT study of mechanisms**
Celik M. A., Yurtsever M., Tüzün N., Güngör F. Ş., Sezer Ö., Anac O.
Organometallics, vol.26, no.12, pp.2978-2985, 2007 (SCI-Expanded)
- XVII. **Synthesis of highly functionalized gamma-lactones via 1,5-electrocyclic ring closure**
Anac O., Güngör F. Ş., Meray G.
HELVETICA CHIMICA ACTA, vol.89, no.6, pp.1231-1240, 2006 (SCI-Expanded)
- XVIII. **Reactions of α,β -Enones with Diazo Compounds: Part 4: Reaction Pathways from (Z)- and (E)- α,β -Enones with Dimethyl Diazomalonate**
Anac O., Güngör F. Ş., Kahveci Ç., Cansever M. Ş.
Helvetica Chimica Acta, vol.87, no.2, pp.408-415, 2004 (SCI-Expanded)

Articles Published in Other Journals

- I. **İkincil Enaminon Bileşiklerinin Suda Sentezi ve Karakterizasyonu**
KIŞKAN F. Ş.
Karaelmas Fen ve Mühendislik Dergisi, vol.12, no.2, pp.216-222, 2022 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Boyalar ve Boyar Maddeler**
KIŞKAN F. Ş.
İTÜ Yayınevi, İstanbul, 2023
- II. **Organik Kimya Deneyleri ve Teknikleri**
Kışkan B., Gacal Özcan B., Çolak D., Güngör F. Ş., Aydoğan A., Kumbaracı İ. V., Ünlü C. H., Çakır Çanak T., Yılmaz A. G., Günay U. S.
İTÜ Vakfı Yayınları, İstanbul, 2009

Refereed Congress / Symposium Publications in Proceedings

- I. **Synthesis, Characterization, and Investigation of Reaction Parameters of 1,3-Benzoxazines from Renewable Compounds**
Erdeğer M., KIŞKAN F. Ş.
19th Asian Chemical Congress, İstanbul, Turkey, 09 July 2023
- II. **Reactions of 1-acetoxy-1,3-butadiene with diazocarbonyls**
Güngör F. Ş., Kubilay H. N., Anaç O.
ESOR 2015, Kiel, Germany, 30 August 2015 - 04 September 2016, pp.1
- III. **Donör Akseptör karbon ile enaminonların katalitik reaksiyonlarının incelenmesi**

- Keleş G., Güngör F. Ş., Anaç O.
27. ULUSAL KİMYA KONGRESİ, Çanakkale, Turkey, 23 - 28 August 2015
- IV. **Konjuge heterosiklik bileşiklerin sentezi**
Yirmibeş G., Güngör F. Ş., Anaç O.
27. ULUSAL KİMYA KONGRESİ, Çanakkale, Turkey, 23 - 25 August 2015
- V. **Reactions of α,β -acetyleniccarbonyls with Rh-carbenoids**
Güngör F. Ş., Anaç O., Özgüz E.
ESOR 2013, Praha, Czech Republic, 1 - 06 September 2013, pp.1
- VI. **Poly(vinyl alcohol) Gels Using Triazine-Formaldehyde Crosslinker System**
Güngör F. Ş., Kışkan B.
4th International Symposium on Thermosets Baekeland 2013, Toronto, Canada, 23 - 27 June 2013, pp.1
- VII. **Derivations of carbonyl compounds containing conjugated multiple bonds**
Özgüz E., Güngör F. Ş., Anaç O.
7th Eurasian Meeting on Heterocyclic Chemistry, İstanbul, Turkey, 17 - 21 June 2012
- VIII. **Reactions of conjugated chalcones and diazo compounds**
Kahraman S., Güngör F. Ş., Anaç O.
7th Eurasian Meeting on Heterocyclic Chemistry, İstanbul, Turkey, 17 - 21 June 2012
- IX. **Intermolecular Reactions of Heterocycles and Rh carbenoids**
Güneş T., Güngör F. Ş., Anaç O.
7th Eurasian Meeting on Heterocyclic Chemistry, İstanbul, Turkey, 17 - 21 June 2012
- X. **Synthesis of carbon frame works with carbonyl functions**
Kubilay H. N., Güngör F. Ş., Anaç O.
7th Eurasian Meeting on Heterocyclic Chemistry, İstanbul, Turkey, 17 - 21 June 2012
- XI. **Kinolin türevi bileşiklerinin sentezi için yeni bir yöntem**
Güngör F. Ş., Anaç O., Sezer Ö.
24. ULUSAL KİMYA KONGRESİ, Zonguldak, Turkey, 29 June - 02 July 2010
- XII. **Preparation of unsaturated imines for the catalytic reactions with dimethyl diazomalonate**
Tarakçı N., Merey G., Güngör F. Ş., Anaç O.
Zing Heavier Heterocycles and Heteroatom Chemistry Conference, Cancun, Mexico, 25 - 27 February 2008
- XIII. **The reactions of dimethyl diazomalonate with unsaturated biscarbonyl derivatives**
Candan Ö., Güngör F. Ş., Anaç O.
Zing Heavier Heterocycles and Heteroatom Chemistry Conference, Cancun, Mexico, 25 - 27 February 2008
- XIV. **Yeni 2 Fenil amino 4 oksonaftalen türevlerinin sentezi**
Güngör F. Ş., Sezer Ö., Anaç O.
21. ULUSAL KİMYA KONGRESİ, Malatya, Turkey, 23 - 27 August 2007
- XV. **Enaminon bileşiklerinin bakır II asetilasetonat varlığında dimetil diazomalonat ile reaksiyonlarının incelenmesi**
Güngör F. Ş., Sezer Ö., Anaç O.
20. ULUSAL KİMYA KONGRESİ, Kayseri, Turkey, 4 - 08 September 2006
- XVI. **1 5 Elektrosiklik halka kapanma reaksiyonları ile laktonların sentezi**
Merey G., Güngör F. Ş., Anaç O.
20. ULUSAL KİMYA KONGRESİ, Kayseri, Turkey, 4 - 08 September 2006
- XVII. **Stereoelectronic effects on the 1 5 ring closure reactions of enone carbonyl ylides arising from carbenes**
Güngör F. Ş., Anaç O., Daut Özdemir A., Sezer Ö.
10th Blue Danube Symposium on Heterocyclic Chemistry, Vienna, Austria, 3 - 06 September 2003

Supported Projects

Kışkan F. Ş., Erdeğer M., Project Supported by Higher Education Institutions, Yenilenebilir çıkış bileşiklerinden 1,3-

benzoksazinlerin sentezi, karakterizasyonu ve tepkime parametrelerinin incelenmesi, 2023 - Continues
Kışkan F. Ş., Project Supported by Higher Education Institutions, 1,3-Naftoksazin Bileşiklerinin Sentezinde Etkin Olan Parametrelerin İncelenmesi, 2023 - 2023
Kışkan F. Ş., Project Supported by Higher Education Institutions, REACTIONS OF 1-ACETOXY-1, 3-BUTADIENE WITH DIAZOCARBONYLS, 2015 - 2018
Kışkan F. Ş., Project Supported by Higher Education Institutions, Poly (Vinşy, Alchol) Gels Using Triazine-Formaldehyde Crosslinker System, 2013 - 2018
Kışkan F. Ş., Project Supported by Higher Education Institutions, B-Alkoksi-ve/veya B-Fenoksi-Alfa, Beta Doymamış Karbonil ve Dikarbonil Bileşiklerinin Diazo Bileşikleriyle Reaksiyonları, 2012 - 2018
Kışkan F. Ş., Project Supported by Higher Education Institutions, KİNOLİN TÜREVİ BİLEŞİKLERİN SENTEZİ İÇİN YENİ BİR YÖNTEM, 2010 - 2018
Güngör F. Ş., Sezer Ö., Anaç O., TUBITAK Project, Enamino Karbonil Bileşiklerinin Metalokarben Araürünlerine Karşı Reaktivitesi, 2006 - 2008

Scientific Refereeing

CHEMISTRYSELECT, SCI Journal, June 2023
CHEMISTRY - AN ASIAN JOURNAL, SCI Journal, January 2023
CHEMISTRY AND BIODIVERSITY, SCI Journal, June 2022
TURKISH JOURNAL OF CHEMISTRY, SCI Journal, August 2021
BIOMED RESEARCH INTERNATIONAL, SCI Journal, May 2021
BIOMED RESEARCH INTERNATIONAL, SCI Journal, September 2020
TURKISH JOURNAL OF CHEMISTRY, SCI Journal, August 2020
SYNTHESIS-STUTTGART, SCI Journal, July 2019
CURRENT ORGANIC CHEMISTRY, SCI Journal, July 2019
CURRENT ORGANIC CHEMISTRY, SCI Journal, November 2018
Turkish Journal of Chemistry, SCI Journal, July 2016
Turkish Journal of Chemistry, SCI Journal, August 2015
Turkish journal of chemistry, SCI Journal, August 2014

Metrics

Publication: 38
Citation (WoS): 185
Citation (Scopus): 230
H-Index (WoS): 9
H-Index (Scopus): 10

Non Academic Experience

İstanbul Teknik Üniversitesi