

## Res. Asst. PhD FATİH ÇELİK

### Personal Information

Email: fatih.celik@ktu.edu.tr

### Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Organik Kimya, Turkey 2013 - 2018

Post Graduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Organik Kimya, Turkey 2010 - 2013

Under Graduate, Karadeniz Technical University, Fen Fakültesi, Kimya Bölümü, Turkey 2006 - 2009

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, CLICK REAKSİYONU UYGULAMALARI İLE HİBRİT 1,2,3-TRİAZOLLERİN SENTEZİ VE BİYOKİMYASAL ÖZELLİKLERİNİN İNCELENMESİ, Karadeniz Technical University, Fen Fakültesi, Kimya/Organik Kimya, 2018

Post Graduate, TİYOFEN VE 1,2,4-TRİAZOL-3(5)-ON İÇERİKLİ SCIFF BAZLARININ SENTEZİ, KARAKTERİZASYONU VE BİYOKİMYASAL ÖZELLİKLERİNİN İNCELENMESİ, Karadeniz Technical University, Fen Fakültesi, Kimya Bölümü, 2013

### Research Areas

Chemistry, Organic Chemistry, Chemistry of Aromatic Compounds, Chemistry of Heterocyclic Compounds, Carbon Chemistry, Organic Reaction Mechanisms, Organic Spectroscopy, Natural Sciences

### Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Fen Fakültesi, Kimya Bölümü, 2017 - Continues

Research Assistant, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Kimya Bölümü, 2011 - 2017

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

- Electrochemistry, electropolymerization and electrochromism of novel phthalocyanines bearing morpholine groups**  
Akyuz D., DEMİRBAŞ Ü., KOCA A., ÇELİK F., KANTEKİN H.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1206, 2020 (Journal Indexed in SCI)
- Synthesis, characterization and DNA interaction properties of the novel peripherally tetra 4-(3-methyl-4-(3-morpholinopropyl)-5-oxo-4,5-dihydro-1H-1,2,4-triazol-1-yl) substituted water soluble Zn(II) and Cu(II) phthalocyanines**  
DEMİRBAŞ Ü., Barut B., ÖZEL A., ÇELİK F., KANTEKİN H., SANCAK K.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1177, pp.571-578, 2019 (Journal Indexed in SCI)

- III. **Molecular Conformational Analysis, Spectroscopic Characterization, Intramolecular Hydrogen Bonding and Natural Bond Analysis of (E,Z)-2-(4-Amino-5-oxo-3-(thiophene-2-ylmethyl)-4,5-dihydro-1,2,4-triazole-1-yl)-N'-(thiophene-2-ylmethylene) Acetohydrazide**  
 ATALAY A., ÇELİK F., ÜNVER Y., SANCAK K., KAYGUSUZ K.  
 LETTERS IN ORGANIC CHEMISTRY, vol.16, is.3, pp.215-225, 2019 (Journal Indexed in SCI)
- IV. **Analysis on molecular, spectroscopic and electronic behavior of 4,4'-(butane-1,4-diyl)bis(14(1-(4-chlorobenzyl)-1H-1,2,3-triazol-5-yl) methyl)-3-methyl-1H-1,2,4-triazol-5(4H)-one): A theoretical approach**  
 Evecen M., Tanak H., ÜNVER Y., ÇELİK F., Semiz L.  
 JOURNAL OF MOLECULAR STRUCTURE, vol.1174, pp.60-66, 2018 (Journal Indexed in SCI)
- V. **New bis 1,3,4-oxadiazole derivatives: syntheses, characterizations, computational studies, and antioxidant activities**  
 ÜNVER Y., Gökce H., Bektas E., ÇELİK F., DEĞİRMENCİOĞLU İ.  
 CANADIAN JOURNAL OF CHEMISTRY, vol.96, is.12, pp.1047-1059, 2018 (Journal Indexed in SCI)
- VI. **Synthesis, Characterization and Biological Activities of New Symmetric Bis-1,2,3-Triazoles with Click Chemistry**  
 ÇELİK F., ÜNVER Y., Barut B., ÖZEL A., SANCAK K.  
 MEDICINAL CHEMISTRY, vol.14, is.3, pp.230-241, 2018 (Journal Indexed in SCI)
- VII. **Synthesis of new 1,2,4-triazole compounds containing Schiff and Mannich bases (morpholine) with antioxidant and antimicrobial activities**  
 ÜNVER Y., DENİZ S., ÇELİK F., Akar Z., KÜÇÜK M., SANCAK K.  
 JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.31, pp.89-95, 2016 (Journal Indexed in SCI)
- VIII. **Synthesis of Novel Symmetrical 1,4-Disubstituted 1,2,3-Bistriazole Derivatives via 'Click Chemistry' and Their Biological Evaluation**  
 Dugdu E., Unluer D., ÇELİK F., SANCAK K., Karaoglu S. A., ÖZEL A.  
 MOLECULES, vol.21, is.5, 2016 (Journal Indexed in SCI)
- IX. **Synthesis, characterization, electrochemical and spectroelectrochemical properties of novel peripherally tetra-1,2,4-triazole substituted phthalocyanines**  
 DEMIRBAS Ü., Kobak R. Z. U., AKCAY H. T., UNLUER D., KOCA A., ÇELİK F., KANTEKİN H.  
 SYNTHETIC METALS, vol.215, pp.68-76, 2016 (Journal Indexed in SCI)
- X. **New thiophene-1,2,4-triazole-5(3)-ones: Highly bioactive thiosemicarbazides, structures of Schiff bases and triazole-thiols**  
 ÜNVER Y., SANCAK K., ÇELİK F., BIRINCI E., KÜÇÜK M., Soylu S., Burnaz N. A.  
 EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.84, pp.639-650, 2014 (Journal Indexed in SCI)
- XI. **Synthesis, characterization, and antioxidant activities of new trisubstituted triazoles**  
 SANCAK K., ÜNVER Y., UNLUER D., DUGDU E., KOR G., ÇELİK F., BIRINCI E.  
 TURKISH JOURNAL OF CHEMISTRY, vol.36, is.3, pp.457-466, 2012 (Journal Indexed in SCI)
- XII. **4-[2-(4-Methoxyphenyl)ethyl]-3-(thiophen-2-ylmethyl)-1H-1,2,4-triazol-5(4H)-one monohydrate**  
 GURUMOORTHY A., GOPALSAMY V., Ramamurthi K., UNLUER D., ÇELİK F.  
 ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.67, 2011 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Synthesis of New Bis-Triazole Compounds Including Schiff Bases and Enzyme Inhibition and Antioxidant Activities**  
 ÜNVER Y., ÇELİK F., DÜĞDÜ E., BARUT B., SANCAK K.  
 Jacobs Journal of Medicinal Chemistry, vol.1, is.1, pp.1-7, 2016 (Refereed Journals of Other Institutions)
- II. **Synthesis of new bis-triazole compounds including schiff bases and enzym inhibition and antioxidant activities**

## Refereed Congress / Symposium Publications in Proceedings

- I. **Theoretical Study for Ethyl-2-(4-Amino-5-Oxo-3-(Thiophene-2-ylmethyl)-4,5-Dihydro-1,2,4-Triazole-1-yl) Acetate**  
ÜNVER Y., ATALAY A., BİRİNCİ E., ÇELİK F., SANCAK K.  
4th Organic Chemistry Congress, Antalya, Turkey, 4 - 07 October 2018
- II. **Synthesis of Thiophene-Imidazol-Containing Hydrazones**  
ÜNVER Y., Ünlüer D., Düğdü E., ÇELİK F.  
International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 26 - 27 April 2018, pp.607
- III. **Synthesis, Characterization And Biological Activities Of New Symmetric Bis-1,2,3-Triazoles With Click Chemistry**  
ÇELİK F., ÜNVER Y., SANCAK K.  
Uluslararası Katılımlı 6. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 22 - 25 March 2018, pp.77
- IV. **Bis 1,3,4-Oxadiazole Derivatives: Syntheses, Characterizations, Computational Studies and Antioxidant Activities**  
ÜNVER Y., Gökçe H., BEKTAŞ E., ÇELİK F.  
Uluslararası Katılımlı 6. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 22 - 25 March 2018, pp.76
- V. **Antioxidant and Antileishmanial Studies for S-Alkyl 1,3,4-Oxadiazole Derivatives**  
ÜNVER Y., BEKTAŞ E., DİREKEL Ş., ÇELİK F.  
THE SECOUND JAPAN-TURKEY INTERNATIONAL SYMPOSIUM ON PHARMACEUTICAL AND BIOMEDICAL SCIENCES, Trabzon, Turkey, 11 - 12 October 2017, pp.74
- VI. **Antileishmanial and Antioxidant Studies for Mannich Bases Of 1,3,4-Oxadiazoles**  
ÜNVER Y., BEKTAŞ E., DİREKEL Ş., ÇELİK F.  
THE SECOUND JAPAN-TURKEY INTERNATIONAL SYMPOSIUM ON PHARMACEUTICAL AND BIOMEDICAL SCIENCES, Trabzon, Turkey, 11 - 12 October 2017, pp.73
- VII. **Bis 1 2 4 Triazoles Including Hydrazone and Biological Activities**  
ÜNVER Y., ÇELİK F.  
4th.International BAU Drug Design Congress, 13 - 15 October 2016
- VIII. **Bis-1,2,4-trazoles Including Hydrazone and Biological Activities,**  
ÜNVER Y., ÇELİK F.  
4th. International BAU Drug Design Congress, İstanbul, Turkey, 13 - 15 October 2016, pp.129
- IX. **Bis-1,2,3-triazollerin Sentezi ve Karakterizasyonu**  
ÇELİK F., UNLUER D., DUGDU E., SANCAK K.  
3. Ulusal Organik Kimya Kongresi, Trabzon, Turkey, 5 - 08 September 2016, pp.123
- X. **Triazol İçerikli Sülfonamidlerin Eldesi,Karakterizasyonu: X-Ray,Ortep Diyagramları**  
ÇELİK F., ÇEKİRGE E., DUGDU E., UNLUER D.  
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015, pp.437
- XI. **Aminotiyozollerle Beklenmedik Açılasyon Reaksiyonu ve Elde Edilen Yapıların Spektroskopik Yöntemlerle İncelenmesi**  
GÜL G., UNLUER D., ÇELİK F., SANCAK K.  
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015, pp.438
- XII. **Aldehit Türevi1,2,3-Trazollerin Sentezi Karakterizasyonu ve Biyolojik Aktivitelerinin İncelenmesi**  
ÇELİK F., UNLUER D., DENİZ S., ÜNVER Y.  
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015, pp.436
- XIII. **Sülfonil Grubu İçeren 1,2,3-Triazol Bileşiklerinin Sentezi ve Karakterizasyonu**

- UNLUER D., ÇELİK F., DUGDU E., BİRİNCİ E.  
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015, pp.439
- XIV. **Synthesis of New 1,2,4-Triazol compounds including mannich and Schiff Base and Analysis of Biological Activities**  
DENİZ S., ÇELİK F., ÜNVER Y., BİRİNCİ E., GÜL G.  
Anatolian Conference on Synthetic Organic Chemistry, Antalya, Turkey, 16 - 19 March 2015, pp.172
- XV. **Synthesis of New 1,2,3-Triazole compounds including 1,2,4-Triazole Ring and Schiff Base and Analysis of Biological Activities**  
ÇELİK F., UNLUER D., DUGDU E., SANCAK K., ÇEKİRGE E.  
Anatolian Conference on Synthetic Organic Chemistry, Antalya, Turkey, 16 - 19 March 2015, pp.171
- XVI. **1,2,4-Triazol Heterohalka Sistemini İhtiva eden Orijinal Nitelikteki 1,3,4-Tiyadiazol Bileşiklerinin Sentezi ve Karakterizasyonu**  
ÇELİK F., ÜNVER Y., UNLUER D., DENİZ S.  
2. Ulusal Organik Kimya Kongresi, Ankara, Turkey, 24 - 26 September 2014, pp.53
- XVII. **Klik Reaksiyonu Uygulaması ile Ketonik Uç İhtiva Eden Bisli 1,2,3-Triazollerin Sentezi ve Karakterizasyonu**  
ÇELİK F., SANCAK K., BİRİNCİ E., DUGDU E.  
2. Ulusal Organik Kimya Kongresi, Ankara, Turkey, 24 - 26 September 2014, pp.52
- XVIII. **New Thiophene-1,2,4-Triazole-5(3)-Ones: Highly BioactiveThiosemicarbazides, Structures Of Schiff Bases And Triazole-Thiols**  
ÇELİK F., birinci e., ÜNVER Y., düğdü e., ünlüer d., SANCAK K.  
44 th world chemistry congress, 11 - 16 August 2013
- XIX. **New thiophene-1,2,4-triazole-5(3)Ones:Highly bioactive thiosemicarbazides, structures of schiff bases and triazole-thioles**  
ÇELİK F., BİRİNCİ E., ÜNVER Y., DUGDU E., UNLUER D., SANCAK K.  
44th. Word Chemistry Congress, İstanbul, Turkey, 11 August 2013 - 16 August 2016, pp.1120
- XX. **Synthesis and structural of novel substituted 4H-1,2,4-triazol family**  
DUGDU E., UNLUER D., ÇELİK F., BİRİNCİ E., ÜNVER Y., SANCAK K.  
44th. Word Chemistry Congress, İstanbul, Turkey, 11 August 2013 - 16 August 2016, pp.2
- XXI. **İmidazolyum zwitter iyonik sıvıların sentezi ve anyon deęiřtirme reaksiyonları**  
düğdü e., ünlüer d., ÇELİK F., birinci e., ÜNVER Y.  
25. ulusal kimya kongresi, Turkey, 27 June - 02 July 2011
- XXII. **İmidazol Halkası Taşıyan Bazı Yeni Triazol-5-on'ların Sentezi ve Karakterizasyonu**  
Düğdü E., BİRİNCİ E., ÇELİK F., UNLUER D., SANCAK K.  
XXV. Uluslararası Katılımlı Ulusal Kimya Kongresi, Erzurum, Turkey, 27 June - 02 July 2011, pp.132
- XXIII. **İmidazolyum Zwitter İyonik Sıvıların Sentezi ve Anyon Deęiřtirme Reaksiyonları**  
DUGDU E., UNLUER D., ÇELİK F., BİRİNCİ E., ÜNVER Y.  
XXV. Uluslararası Katılımlı Ulusal Kimya Kongresi, Erzurum, Turkey, 27 June - 02 July 2011, pp.131
- XXIV. **Yeni Bazı 1,2,4-Triazol-5-on' ların Sentezi ve Antioksidan Özelliklerinin İncelenmesi**  
SANCAK K., MEYDANAL S., DUGDU E., ÇELİK F., UNLUER D.  
XXV. Uluslararası Katılımlı Ulusal Kimya Kongresi, Erzurum, Turkey, 27 June - 02 July 2011, pp.213

### **Invited Congress and Symposium Activities**

Uluslararası Katılımlı 6. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Attendee, Antalya, Turkey, 2018

THE SECOUND JAPAN-TURKEY INTERNATIONAL SYMPOSIUM ON PHARMACEUTICAL AND BIOMEDICAL SCIENCES, Attendee, Trabzon, Turkey, 2017

4 TH INTERNATIONAL BAU DRUG DESIGN CONGRESS, Attendee, İstanbul, Turkey, 2016

3.ULUSAL ORGANİK KİMYA KONGRESİ, Attendee, Trabzon, Turkey, 2016

27.ULUSAL KİMYA KONGRESİ, Attendee, Çanakkale, Turkey, 2015  
ANATOLIAN CONFERENCE ON SYNTHETIC ORGANIC CHEMISTRY, Attendee, Antalya, Turkey, 2015  
2. ULUSAL ORGANİK KİMYA KONGRESİ, Attendee, Ankara, Turkey, 2014  
44 TH WORLD CHEMISTRY CONGRESS, Attendee, İstanbul, Turkey, 2013  
25. ULUSAL KİMYA KONGRESİ, Attendee, Erzurum, Turkey, 2011

## **Citations**

Total Citations (WOS):152

h-index (WOS):7

## **Scholarships**

TÜBİTAK-BİDEB 2211-E Doğrudan Yurt İçi Doktora Bursu, TUBITAK, 2013 - Continues

TÜBİTAK-BİDEB 2210-Yurt İçi Yüksek Lisans Bursu, TUBITAK, 2010 - Continues

## **Awards**

ÇELİK F., Üniversite ikinciliği, Karadeniz Teknik Üniversitesi, July 2009

ÇELİK F., Fen Fakültesi, Kimya Bölümü ikinciliği, Karadeniz Teknik Üniversitesi, July 2009

ÇELİK F., Fen Fakültesi ikinciliği, Karadeniz Teknik Üniversitesi, July 2009