

# Prof. PERVİN ÜNAL CİVCİR

## Personal Information

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## International Researcher IDs

ORCID: 0000-0003-0331-4091

Publons / Web Of Science ResearcherID: N-7198-2015

ScopusID: 57220208400

Yoksis Researcher ID: 12665

## Education Information

Doctorate, University of East Anglia, School Of Chemistry, Chemistry, England 1988 - 1992

Postgraduate, Anadolu University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği Anabilim Dalı, Turkey 1983 - 1985

Undergraduate, Istanbul Technical University, Kimya-Metalurji, Kimya Mühendisliği, Turkey 1978 - 1982

## Foreign Languages

English, C1 Advanced

## Certificates, Courses and Trainings

IT, 6. Yüksek Başarımlı Hesaplama ve Paralel Programlama Yaz Okulu, İstanbul Teknik Üniversitesi, 2011

Innovation, İnovasyon Birimi Çalıştayı, Ankara Üniversitesi, 2011

Other, 2nd Workshop on Computer Aided Drug Design & Development – Molecular Modeling, Başkent Üniversitesi, 2008

Project Management, Proje Yürütücüleri Proje Yönetimi, TÜBİTAK, 2006

Education Management and Planning, Adölesan Sağlığı Eğitimi, Ankara Üniversitesi, 2004

## Dissertations

Doctorate, Extended Heterocyclic Systems, University of East Anglia, School Of Chemistry, 1993

Postgraduate, Azot monoksit giderici dolgulu bir absorpsiyon kolonunun tasarımı, Anadolu University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (YI) (Tezli), 1985

## Research Areas

Natural Sciences

## Academic Titles / Tasks

Professor, Ankara University, Fen Fakültesi, Kimya Bölümü, 2009 - Continues  
Associate Professor, Ankara University, Fen Fakültesi, Kimya Bölümü, 2008 - 2009  
Associate Professor, Ankara University, Sağlık Bilimleri Fakültesi, Temel Sağlık Bilimleri Bölümü, 2003 - 2008  
Other, University of Michigan - Ann Arbor, Eczacılık, Eczacılık, 2006 - 2007  
Other, Christian-Albrechts-Universität zu Kiel, Kimya, Kimya, 2003 - 2003  
Assistant Professor, Ankara University, Sağlık Bilimleri Fakültesi, Temel Sağlık Bilimleri Bölümü, 1999 - 2003  
Other, University of Oslo, Kimya, Kimya, 1999 - 2000  
Expert, Ankara University, Sağlık Bilimleri Fakültesi, Temel Sağlık Bilimleri Bölümü, 1998 - 1999  
Assistant Professor, Anadolu University, Faculty Of Science, Department Of Chemistry, 1993 - 1998  
Specialization Student, University of East Anglia, School of Chemistry, Chemistry, 1988 - 1993  
Research Assistant, Anadolu University, Faculty Of Science, Department Of Chemistry, 1985 - 1993

## Academic and Administrative Experience

Danışma Kurulu Üye, Ankara University, Fen Fakültesi, Kimya Bölümü, 2013 - Continues  
Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Ankara University, Fen Fakültesi, Kimya Bölümü, 2016 - 2020  
Fakülte Kurulu Üyesi, Ankara University, Sağlık Bilimleri Fakültesi, Temel Sağlık Bilimleri Bölümü, 2005 - 2006  
Mezuniyet Sonrası Eğitim Koordinatörü, Ankara University, Fen Fakültesi, Kimya Bölümü, 2003 - 2006  
Fakülte Yönetim Kurulu Üyesi, Ankara University, Sağlık Bilimleri Fakültesi, Temel Sağlık Bilimleri Bölümü, 2004 - 2005  
Fakülte Yönetim Kurulu Üyesi, Ankara University, Sağlık Bilimleri Fakültesi, Temel Sağlık Bilimleri Bölümü, 2001 - 2003  
Member of IT Commission, Ankara University, Sağlık Bilimleri Fakültesi, Temel Sağlık Bilimleri Bölümü, 2001 - 2002

## Courses

ORGANIC CHEMISTRY LAB, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020  
Special Subject, Undergraduate, 2022 - 2023, 2020 - 2021  
Organic Chemistry Laboratory I, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019  
ORGANİK KİMYA LABORATUVARI II, Undergraduate, 2022 - 2023  
ORGANİK KİMYA LABORATUVARI II, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009  
Mechanism of Organic Reactions I, Undergraduate, 2023 - 2024  
ORGANİK KİMYA LABORATUVARI II, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022  
KİMYADA BİLGİSAYAR UYGULAMALARI, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019  
Heterocyclic Compounds, Undergraduate, 2021 - 2022, 2020 - 2021  
Organic Chemistry I, Undergraduate, 2022 - 2023  
UZMANLIK ALAN DERSİ, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012  
ORGANİK KİMYA LABORATUVARI I, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010  
TEZ ÇALIŞMASI, Postgraduate, 2022 - 2023, 2021 - 2022  
APPLICATIONS OF COMPUTERS IN CHEMISTRY, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019  
Heterocyclic Compounds I, Postgraduate, 2021 - 2022  
ORGANİK KİMYA LABORATUVARI III, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019  
Organic Chemistry II, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018  
ORGANİK KİMYA LABORATUVARI, Undergraduate, 2020 - 2021  
HESAPLAMALI ORGANİK KİMYA I, Postgraduate, 2019 - 2020, 2018 - 2019, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009  
ÖZEL KONU, Undergraduate, 2019 - 2020, 2018 - 2019, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2009 - 2010, 2008 - 2009

Organic Chemistry I , Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018  
HESAPLAMALI ORGANİK KİMYA II, Postgraduate, 2019 - 2020, 2018 - 2019, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009  
HESAPLAMALI ORGANİK KİMYA, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009  
TEMEL KİMYA, Undergraduate, 2018 - 2019  
ORGANİK KİMYA LABORATUVARI , Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009  
ORGANİK KİMYA II, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015  
ORGANİK KİMYA I, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015  
Organik Kimya II, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011  
Organik Kimya I, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011  
Organik Analiz, Undergraduate, 2013 - 2014, 2012 - 2013  
Temel Kimya I, Undergraduate, 2009 - 2010, 2008 - 2009, 2007 - 2008  
Temel Kimya II, Undergraduate, 2009 - 2010, 2008 - 2009, 2007 - 2008

## Advising Theses

Ünal Cıvır P., Ünaleroğlu C., MOLEKÜLER MODELLEME YÖNTEMLERİ İLE ORGANİK YARI İLETKENLERİN BANT ARALIKLARININ İNCELENMESİ VE BİLGİSAYAR DESTEKLİ İLAÇ TASARIMI, Doctorate, P.SEYİTDANLIOĞLU(Student), 2023  
Ünal Cıvır P., Kükürt içeren şikonin oksim türevlerinin molekül modelleme çalışmaları ve yeni türevlerin tasarımı, Postgraduate, E.ÖZEN(Student), 2023  
ÜNAL CİVCİR P., Synthesis of new imidazole, thiazole and benzofuran derivatives and theoretical investigations, Postgraduate, C.KARADENİZ(Student), 2019  
ÜNAL CİVCİR P., Yeni oksazol, izoksazol, izotiyazollerin sentezleri ve teorik olarak incelenmeleri, Postgraduate, K.SARIKAVAK(Student), 2015  
ÜNAL CİVCİR P., Tiyofen, pirol ve furan içeren yeni diazinlerin deneysel ve teorik olarak incelenmesi, Postgraduate, D.KARADENİZ(Student), 2014  
ÜNAL CİVCİR P., Sağlığı geliştirme açısından sağlıklı kentler projesi, Postgraduate, E.MERİÇ(Student), 2006  
ÜNAL CİVCİR P., Gülhane Askeri Tıp Akademisi (GATA) Hastanesi temizlik görevlilerinin hastane enfeksiyonları ile ilgili bilgi ve uygulamaları, Postgraduate, I.DENİZ(Student), 2005

## Advising Graduates (Non-Thesis)

Ünal Cıvır P., Elektron verici—alıcı birimli iletken polimerlerin band aralıklarının teorik olarak belirlenmesi, Masters (Non-Thesis), K.Uludağ(Student), 2017  
Ünal Cıvır P., Süstitüe Pirimidinlerin Stetter Sentez Tepkimelerinin Modellenmesi, Masters (Non-Thesis), Y.Ahmet(Student), 2015  
Ünal Cıvır P., Pirol, Tiyofen, Furan ve Selenofen İçeren Pirazol, Kinazolün ve Benzimidazollerin Sentezi ve Teorik Olarak İncelenmesi, Masters (Non-Thesis), Ş.Kılıç(Student), 2015  
Ünal Cıvır P., Pirol, Tiyofen ve Furan İçeren Piridazin ve Pirazinlerin Deneysel ve Teorik Olarak İncelenmesi, Masters (Non-Thesis), G.Coruk(Student), 2014

## Jury Memberships

Post Graduate, Post Graduate, Ankara Üniversitesi, February, 2023  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, October,

2021

Post Graduate, Post Graduate, Hacettepe Üniversitesi, June, 2019

Post Graduate, Post Graduate, Ankara Üniversitesi, June, 2019

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Hacettepe Üniversitesi, August, 2018

Doctorate, Doctorate, Hacettepe Üniversitesi, June, 2018

Post Graduate, Post Graduate, Hacettepe Üniversitesi, March, 2018

Doctorate, Doctorate, Hacettepe Üniversitesi, September, 2017

Doctorate, Doctorate, Ankara Üniversitesi, June, 2016

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, June, 2016

Post Graduate, Post Graduate, Hacettepe Üniversitesi, May, 2016

Post Graduate, Post Graduate, Ankara Üniversitesi, June, 2015

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, June, 2014

Post Graduate, Post Graduate, Ankara Üniversitesi, February, 2014

Doctorate, Doctorate, Ankara Üniversitesi, June, 2013

Doctorate, Doctorate, Gazi Üniversitesi, June, 2013

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, June, 2013

Doctorate, Doctorate, Hacettepe Üniversitesi, September, 2011

Post Graduate, Post Graduate, Ankara Üniversitesi, August, 2011

Post Graduate, Post Graduate, Ankara Üniversitesi, July, 2010

Post Graduate, Post Graduate, Ankara Üniversitesi, July, 2010

Doctorate, Doctorate, Ankara Üniversitesi, April, 2010

Post Graduate, Post Graduate, Ankara Üniversitesi, October, 2009

Doctorate, Doctorate, Hacettepe Üniversitesi, September, 2005

Post Graduate, Post Graduate, Ankara Üniversitesi, December, 2004

Post Graduate, Post Graduate, Ankara Üniversitesi, January, 2004

Post Graduate, Post Graduate, Ankara Üniversitesi, January, 2004

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Theoretically designated synthesizable donor-acceptor type semiconducting copolymers: Investigation into molecular, electronic, and optical properties**  
SEYİTDANLIOĞLU ŞİRİN P., ÜNAL CİVCİR P., ÜNALEROĞLU C.  
MATERIALS CHEMISTRY AND PHYSICS, vol.275, 2022 (SCI-Expanded)
- II. **A computational insight on designing low electronic energy gap benzothiadiazole/benzoselenadiazole-pyrrole copolymers**  
SEYİTDANLIOĞLU ŞİRİN P., ÜNAL CİVCİR P., ÜNALEROĞLU C.  
INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY, vol.121, no.8, 2021 (SCI-Expanded)
- III. **Narrow-energy gap conjugated polymers based on benzobisthiadiazole and thiadiazoloquinoxaline: DFT and TDDFT study**  
ÜNAL CİVCİR P., Ozen E., Karadeniz C.  
JOURNAL OF MOLECULAR MODELING, vol.26, no.10, 2020 (SCI-Expanded)
- IV. **Computational modelling of donor-acceptor-donor conjugated polymers based on benzothiadiazole**  
ÜNAL CİVCİR P.  
COMPUTATIONAL AND THEORETICAL CHEMISTRY, vol.1128, pp.70-82, 2018 (SCI-Expanded)
- V. **Experimental and theoretical investigation of new furan and thiophene derivatives containing oxazole, isoxazole, or isothiazole subunits**  
ÜNAL CİVCİR P., KURTAY G., Sarikavak K.  
STRUCTURAL CHEMISTRY, vol.28, no.3, pp.773-790, 2017 (SCI-Expanded)
- VI. **Synthesis and characterization of novel heterosubstituted pyrroles, thiophenes, and furans**

Kaniskan N., ELMALI D., ÜNAL CİVCİR P.

ARKIVOC, vol.2008, pp.17-29, 2008 (SCI-Expanded)

- VII. **Computational investigations of the gas phase reactions between hydrogen chloride and protonated alkyl chlorides**  
ÜNAL CİVCİR P.  
JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM, vol.848, no.1-3, pp.128-138, 2008 (SCI-Expanded)
- VIII. **Nucleophilic identity substitution reactions. The reaction between hydrogen fluoride and protonated alkyl fluorides**  
Laerdahl J., ÜNAL CİVCİR P., Bache-Andreassen L., Uggerud E.  
ORGANIC & BIOMOLECULAR CHEMISTRY, vol.4, no.1, pp.135-141, 2006 (SCI-Expanded)
- IX. **A theoretical study of tautomerism of 2,6-dithioxanthine in the gas and aqueous phases using AM1 and PM3 methods**  
ÜNAL CİVCİR P.  
JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM, vol.572, pp.5-13, 2001 (SCI-Expanded)
- X. **AM1 and PM3 study of tautomerism of xanthine in the gas and aqueous phases**  
ÜNAL CİVCİR P.  
JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM, vol.545, pp.7-15, 2001 (SCI-Expanded)
- XI. **Tautomerism of 2-thioxanthine in the gas and aqueous phases using AM1 and PM3 methods**  
ÜNAL CİVCİR P.  
JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM, vol.546, pp.163-173, 2001 (SCI-Expanded)
- XII. **AM1 and PM3 studies of some thio analogues of pyrimidine bases in the gas and aqueous phases**  
ÜNAL CİVCİR P.  
JOURNAL OF PHYSICAL ORGANIC CHEMISTRY, vol.14, no.3, pp.171-179, 2001 (SCI-Expanded)
- XIII. **AM1 and PM3 study of tautomerism of hypoxanthine in the gas and aqueous phases**  
ÜNAL CİVCİR P.  
STRUCTURAL CHEMISTRY, vol.12, no.1, pp.15-21, 2001 (SCI-Expanded)
- XIV. **Tautomerism of 6-thioguanine in the gas and aqueous phases using AM1 and PM3 methods**  
ÜNAL CİVCİR P.  
JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM, vol.536, no.2-3, pp.161-171, 2001 (SCI-Expanded)
- XV. **A theoretical study of tautomerism of 6-thiopurine in the gas and aqueous phases using AM1 and PM3**  
ÜNAL CİVCİR P.  
JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM, vol.535, pp.121-129, 2001 (SCI-Expanded)
- XVI. **Tautomerism of 6-thioxanthine in the gas and aqueous phases using AM1 and PM3 methods**  
ÜNAL CİVCİR P.  
JOURNAL OF CHEMICAL PHYSICS, vol.114, no.4, pp.1582-1588, 2001 (SCI-Expanded)
- XVII. **A theoretical study of tautomerism of cytosine, thymine, uracil and their 1-methyl analogues in the gas and aqueous phases using AM1 and PM3**  
ÜNAL CİVCİR P.  
JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM, vol.532, pp.157-169, 2000 (SCI-Expanded)
- XVIII. **Investigation of the properties of some furylpyridine and thienylpyridine derivatives in the gas and aqueous phases using semiempirical methods**  
ÜNAL CİVCİR P., Ogretir C.  
JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM, vol.507, pp.39-51, 2000 (SCI-Expanded)
- XIX. **Extended heterocyclic systems .2. The synthesis and characterisation of (2-furyl)pyridines, (2-thienyl)pyridines, and furan-pyridine and thiophene-pyridine oligomers**  
Jones R., ÜNAL CİVCİR P.  
TETRAHEDRON, vol.53, no.34, pp.11529-11540, 1997 (SCI-Expanded)
- XX. **Extended heterocyclic systems .1. The synthesis and characterisation of pyrrolylpyridines, alternating pyrrole:pyridine oligomers and polymers, and related systems**  
Jones R., Karatza M., Toro T., ÜNAL CİVCİR P., Franck A., Ozturk O., Seaman J., Whitmore A., Williamson D.

## Articles Published in Other Journals

- I. **DFT CALCULATIONS OF BENZOISOXAZOLE DERIVATIVES**  
ÖZEN E., KALKAN M., ÜNAL CİVCİR P.  
Communications Faculty Of Science University of Ankara Series B Chemistry and Chemical Engineering, vol.61, no.1-2, pp.31-54, 2019 (Peer-Reviewed Journal)
- II. **Karbondioksit Gazının Soda Kireç Üzerinde Absorpsiyonu**  
Nimet U., Hurriyet E., ÜNAL CİVCİR P., Kara S.  
Anadolu Üni., Müh.Mim.Fak. Dergisi, vol.2, no.1, pp.149-157, 1985 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Computational NMR, IR study of epibatidine and derivatives and the effects on biological activity**  
ÜNAL CİVCİR P., ÇİL Ö.  
3rd International Eurasian Biological and Chemical Sciences Conference, 19 - 20 March 2020
- II. **Optoelectronic Properties of Donor-Acceptor Type Conjugated Polymers**  
Uludağ K., Karadeniz C., Ortakçı T., KURTAY G., ÜNAL CİVCİR P.  
The 3rd International Turkish Congress on Molecular Spectroscopy, Bodrum/Muğla, Turkey, 26 - 29 August 2017
- III. **Spectroscopic Study of Furan and Benzofuran Derivatives Combined with DFT Calculations**  
Karadeniz C., Uludağ K., KURTAY G., ÜNAL CİVCİR P.  
The 3rd International Turkish Congress on Molecular Spectroscopy, Bodrum/Muğla, Turkey, 26 - 29 August 2017
- IV. **NMR-QSAR Model of Some Imidazole Derivatives**  
ÜNAL CİVCİR P., KURTAY G., CİVCİR İ.  
The 3rd International Turkish Congress on Molecular Spectroscopy, Bodrum/Muğla, Turkey, 26 - 29 August 2017
- V. **" A Theoretical Calculations of Band Gaps of Conducting Polymers with Electron Donor-Acceptor Un**  
ÜNAL CİVCİR P.  
4Th European Chemistry Congress, Barselona, Spain, 11 - 13 May 2017
- VI. **Computational Study of the Synthesis of Pyrrole-Pyrazines**  
ÜNAL CİVCİR P.  
4Th European Chemistry Congress, Barselona, Spain, 11 - 13 May 2017
- VII. **Experimental and Theoretical Insights into New Furan and Thiophene Derivatives Containing Oxazole, Isoxazole or Isothiazole Subunits as Potent Biologically Active Moieties**  
ÜNAL CİVCİR P., KURTAY G.  
4.th International BAU Drug Design, İstanbul, Turkey, 13 - 15 October 2016
- VIII. **Facile Synthesis and Comprehensive DFT Studies on Novel Benzimidazole Pyrazole and Quinazoline Derivatives as Potent Biological Active Agents**  
KURTAY G., ÜNAL CİVCİR P.  
4. BAU DRUG DESIGN Congress, İstanbul, Turkey, 13 - 15 October 2016
- IX. **Biyolojik Aktivite Gösteren Sübstitüe İmidazol Türevlerinin Kuantum Mekaniksel İncelenmesi Ve Yapı Aktivite İlişkisinin Belirlenmesi**  
Şimşek S., KURTAY G., ÜNAL CİVCİR P.  
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015
- X. **Sübstitüe Pirimidinlerin Stetter Reaksiyonlarının Modellenmesi**  
Demet K., YALÇIN AHMET İ., ÜNAL CİVCİR P.  
27. Ulusal Kimya Kongresi, Denizli, Turkey, 23 - 28 August 2015
- XI. **Computational Bandgap Engineering of Designed EDOT Derivatives and Investigation of Their Physicochemical Properties**

ÜNAL CİVCİR P., KURTAY G., Kübra S.

International Symposium on Molecular Chemistry, İstanbul, Turkey, 19 December 2014

- XII. **Potansiyel Biyoaktif İzoksazol Türevlerinin Sentezi ve Yapılarının DFT Yöntemi ile İncelenmesi**  
Kübra S., KURTAY G., ÜNAL CİVCİR P.  
2. Ulusal Organik Kimya Kongresi, Ankara, Turkey, 24 - 26 September 2014
- XIII. **Tiyofen ve Furan İçeren Yeni Benzimidazol ve Kinazolin Bileşiklerinin Sentezi ve Teorik Olarak İncelenmeleri**  
Şeyma K., ÜNAL CİVCİR P.  
2. Ulusal Organik Kimya Kongresi, Ankara, Turkey, 24 - 26 September 2014
- XIV. **Dienofil Üzerindeki I M ve I M Türü Süstitüentlerin Diels Alder Tepkimelerine Etkisinin DFT Yöntemiyle İrdelenmesi**  
Kübra S., KURTAY G., ÜNAL CİVCİR P.  
2. Ulusal Organik Kimya Kongresi, Ankara, Turkey, 24 - 26 September 2014
- XV. **Diels Alder Reaksiyonlarının Yarı Denel HF ve DFT Yöntemleriyle Modellenmesi**  
Kübra S., KURTAY G., ÜNAL CİVCİR P.  
IV. Fiziksel Kimya Kongresi, Denizli, Turkey, 5 - 08 June 2014
- XVI. **Yeni Oksazol Türevlerinin Sentezi ve Yapılarının Teorik Yöntemlerle İncelenmesi**  
Kübra S., KURTAY G., ÜNAL CİVCİR P.  
IV. Fiziksel Kimya Kongresi, Turkey, 5 - 08 June 2014
- XVII. **Effects of Electron Donating and Electron Withdrawing Groups on Pyrrole Ring System A Detailed Hartree Fock and DFT Study**  
KURTAY G., ÜNAL CİVCİR P., GÜLLÜ M.  
IUPAC 44th World Chemistry Congress, İstanbul, Turkey, 11 August 2011 - 16 August 2013
- XVIII. **Structures and Electronic Properties of Some Oligomers Containing Pyrrole and Thiophene for Use in Advanced Technological Materials**  
ÜNAL CİVCİR P., KURTAY G., GÜLLÜ M.  
Chemical Physics IX, İzmir, Turkey, 14 - 17 October 2010
- XIX. **Quantum Mechanic Studies of Some Substituted Thiophenes**  
ÜNAL CİVCİR P., DEMET K.  
2nd International Conference on Computation for Science and Technology (ICCST-2), Niğde, Turkey, 8 - 12 July 2012
- XX. **Quantum Chemical Studies of Some Chromen Derivatives**  
ÜNAL CİVCİR P., GÖKHAN Ş., ANCIN N.  
2nd International Conference on Computation for Science and Technology (ICCST-2), Niğde, Turkey, 8 - 10 July 2012
- XXI. **Theoretical Calculations of the Synthesis of Pyridazine pyrroles**  
ÜNAL CİVCİR P., GÖZDE SELİN C.  
2nd International Conference on Computation for Science and Technology (ICCST-2), Niğde, Turkey, 8 - 12 July 2012
- XXII. **Electrophilicity Index of Substituted Furans**  
ÜNAL CİVCİR P., HAKAN S., MUSTAFA A., AYŞEN P.  
2nd International Conference on Computation for Science and Technology (ICCST-2), Niğde, Turkey, 8 - 12 July 2012
- XXIII. **Relative Nucleophilicity Index of Some Furan Derivatives**  
ÜNAL CİVCİR P., ÇAM U., ARI İ.  
Chemical Physics X, Ankara, Turkey, 10 - 12 October 2012
- XXIV. **A Theoretical Investigation Electrophilicity Indexes of Some Substituted Coumarins**  
ÜNAL CİVCİR P., GÖKHAN Ş., ANCIN N.  
Chemical Physics X, Ankara, Turkey, 10 - 12 October 2012
- XXV. **Modelling of Conductive Organic Polymers Containing Pyrrole and Thiophene**  
ÜNAL CİVCİR P., KURTAY G., GÜLLÜ M.

Chemical Physics IX, İzmir, Turkey, 14 - 17 October 2010

**XXVI. Calculation of the pKa Values for Heterosubstituted Thiophenes and Furans**

ÜNAL CİVCİR P.

Chemical Physics VIII, İstanbul, Turkey, 24 April 2008 - 25 January 2016

**XXVII. Ab initio method for the reactions between hydrogen chloride and protonated (i)propyl- and (t)butyl chlorides**

Ünal Civcir P.

233rd National Meeting of the Cellulose-and-Renewable-Materials-Division of the American-Chemical-Society (ACS), Illinois, United States Of America, 25 - 29 March 2007, vol.233, pp.17

**XXVIII. Theoretical Models for Reactions Between Hydrogen Chloride and Protonated Alkyl Chlorides Substitution and Elimination Mechanisms**

ÜNAL CİVCİR P.

III. Humboldt Conference on Computational Chemistry, Varna, Bulgaria, 24 - 28 June 2006

**XXIX. Protonation of Some Dipyridylfuran and Dipyridylthiophene Derivatives in the Gas and Aqueous Phases**

ÜNAL CİVCİR P.

Chemical Physics V, İstanbul, Turkey, 31 October - 01 November 2002

**XXX. Theoretical Models For Reactions of Hydrogen Floride and Protonated Alkyl Florides**

ÜNAL CİVCİR P., Lihn B. A., EINAR U.

International Organic Chemistry Meeting, Hatay, Turkey, 25 - 28 March 2002

**XXXI. Investigation of the Properties of Some Furyl pyridine and Thienyl pyridine Derivatives in the Gas and Aqueous Phases Using Semiempirical Methods**

ÜNAL CİVCİR P., CEMİL Ö.

Chemical Physics IV, Eskişehir, Turkey, 28 - 29 January 2000

## Supported Projects

Ünal Civcir P., Project Supported by Higher Education Institutions, Kükürt içeren şikonon oksim türevlerinin modelleme çalışmaları ve yeni türevlerin tasarımı, 2021 - 2023

Ünal Civcir P., Project Supported by Higher Education Institutions, Yeni İmidazol, Tiyazol ve Benzofuran Türevlerinin Sentezleri ve Teorik Olarak İncelenmeleri, 2018 - 2019

ÜNAL CİVCİR P., Project Supported by Higher Education Institutions, Epibatidin ve türevlerinin yapı aktivite ilişkilerinin teorik olara incelenmesi, 2013 - 2016

ÜNAL CİVCİR P., Project Supported by Higher Education Institutions, Tiyofen pirov veya furan içeren yeni diazinlerin sentezlenmesi ve teorik olarak incelenmesi, 2012 - 2015

ÜNAL CİVCİR P., Project Supported by Higher Education Institutions, Yeni Oksazol İzoksazol ve İzotiyazollerin Sentezleri ve Teorik Olarak İncelenmeleri, 2013 - 2014

ÜNAL CİVCİR P., TUBITAK Project, Theoretical Investigations of the Mechanism of Hydrogen Chloride and Protonated Alkyl chlorides Substitution and Elimination Mechanism, 2005 - 2007

## Activities in Scientific Journals

Communications Series:B Chemistry and Chemical Engineering, Committee Member, 2015 - Continues

## Scientific Refereeing

TURKISH JOURNAL OF CHEMISTRY, SCI Journal, November 2023

Project Supported by Higher Education Institutions, BAP Research Project, Ankara University, Turkey, September 2023



Project Supported by Higher Education Institutions, BAP Research Project, Hacettepe University, Turkey, May 2023  
Project Supported by Higher Education Institutions, BAP Research Project, Hacettepe University, Turkey, March 2023  
Journal of the Turkish Chemical Society, Section A: Chemistry (JOTCSA) , Other journals, November 2019  
JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, July 2019  
JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM, SCI Journal, April 2019  
Journal of the Turkish Chemical Society, Section A: Chemistry (JOTCSA) , Other Indexed Journal, November 2018  
Journal of the Turkish Chemical Society, Section A: Chemistry (JOTCSA) , Other Indexed Journal, June 2018  
TURKISH JOURNAL OF CHEMISTRY, SCI Journal, April 2018  
Journal of the Turkish Chemical Society, Section A: Chemistry (JOTCSA) , Other Indexed Journal, November 2017  
CORROSION, SCI Journal, September 2017  
CURRENT ORGANIC CHEMISTRY, SCI Journal, July 2017  
JOTCSA, Other Indexed Journal, July 2017  
CORROSION, SCI Journal, April 2017  
TURKISH JOURNAL OF CHEMISTRY, SCI Journal, March 2017  
CORROSION, SCI Journal, February 2017  
NEW JOURNAL OF CHEMISTRY, SCI Journal, December 2016  
JOURNAL OF PHYSICAL CHEMISTRY B, SCI Journal, March 2006  
CHEMICAL PHYSICS LETTERS, SCI Journal, January 2004  
JOURNAL OF PHYSICAL CHEMISTRY, SCI Journal, December 2003

## **Metrics**

Publication: 61  
Citation (WoS): 352  
Citation (Scopus): 368  
H-Index (WoS): 10  
H-Index (Scopus): 11

## **Scholarships**

Doktora-Kimya, YOK, 1988 - 1993