

# Prof. ŞEVKET HAKAN ÜNGÖREN

## Personal Information

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## International Researcher IDs

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ScopusID: 8334687200

Yoksis Researcher ID: 42366

## Education Information

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Turkey 2012 - 2016

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 2003 - 2007

Undergraduate, Erciyes University, Fen-Edebiyat Fakültesi, Kimya Pr., Turkey 1991 - 1997

## Dissertations

Doctorate, Şelat yapıcı  $\beta$ -dikarbonil grubu içeren polimerlerin sentezi ve bazı ağır metallerin zenginleştirilmesinde kullanımının araştırılması, Erciyes University, Fen Bilimleri Enstitüsü, Kimya (Dr), 2007

Postgraduate, Metil aromatik keton ve etilasetat bileşiklerinden 2, 3-furandion bileşiklerinin sentezi, Erciyes University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), 2000

## Research Areas

Chemistry, Natural Sciences

## Academic Titles / Tasks

Assistant Professor, Yozgat Bozok University, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2008 - 2012

Research Assistant, Yozgat Bozok University, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2006 - 2008

Research Assistant, Erciyes University, Yozgat Fen-Edebiyat Fakültesi, Kimya Pr., 2001 - 2006

## Courses

Biyokimya , Undergraduate, 2013 - 2014

Organik endüstriyel Kimya, Undergraduate, 2013 - 2014

Bilimsel Araştırma Yöntemleri, Postgraduate, 2013 - 2014

Organik Kimya II, Undergraduate, 2012 - 2013

Organik Kimya I, Undergraduate, 2012 - 2013

## Advising Theses

- ÜNGÖREN Ş. H., Çeşitli açilhidrazinlerin oksalamit türevlerine dönüşümleri ve heterohalkalı bileşiklerin sentezinde kullanımının incelenmesi, Postgraduate, S.MURAT(Student), 2020
- ÜNGÖREN Ş. H., İzositozin türevlerinin sentezinde yeni bir yöntemin araştırılması, Postgraduate, A.DEĞERLİ(Student), 2019
- ÜNGÖREN Ş. H., Beta-dikarbonil bileşiklerinin multikomponent-domino reaksiyonları ile çeşitli pirimidin türevlerine dönüşümleri, Postgraduate, M.ÖZTÜRK(Student), 2017
- ÜNGÖREN Ş. H., 2-aminopirimidinlerin tek-kap çok bileşenli sentezleri, Postgraduate, Ş.ERCİYES(Student), 2017
- ÜNGÖREN Ş. H., Amonyum ditiyokarbamatların kendine kondenzasyon reaksiyonundan tiyürelerin sentezi, Postgraduate, F.SIRÇA(Student), 2016
- ÜNGÖREN Ş. H., Bazı 1,3-tiyazolidin-4-on bileşiklerinin hidrazinlerle reaksiyonlarının araştırılması, Postgraduate, Ü.ÇAY(Student), 2016
- ÜNGÖREN Ş. H., Piruvik asit grubu ihtiva eden boyar maddelerin sentezi ve karakterizasyonu, Postgraduate, H.KARLITEPE(Student), 2016
- ÜNGÖREN Ş. H., Yeni rodanin bileşiklerinin tiyazol-4,5-dionlardan Wittig reaksiyonuyla sentezi, Postgraduate, A.GÜNAY(Student), 2014
- ÜNGÖREN Ş. H., Tiyazol halkası içeren perimidin tipi yeni boyar maddelerin sentezi, Postgraduate, N.TI(Student), 2013
- ÜNGÖREN Ş. H., Potansiyel herbisit olarak yeni 1,2,4-triazin ve pirazin-2,3-dikarbonitril türevi heterohalkalı bileşiklerin sentezi, Postgraduate, E.DİLEKOĞLU(Student), 2011

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

- I. **Synthesis of some polyphenolics from contents of onion skin and discovery of the promoter effect on barley germination**  
ÜNGÖREN Ş. H., KIBRIZ İ. E., EROĞLU H. E.  
Natural Product Research, 2024 (SCI-Expanded)
- II. **Synthesis, antiproliferative activity, molecular docking studies of hydrazone functionalised thioparabanic acid and rhodanine analogues**  
KIBRIZ İ. E., AKKOÇ S., SERT Y., Cay U., ÜNGÖREN Ş. H.  
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.197, no.9, pp.918-926, 2022 (SCI-Expanded)
- III. **The Motifs from Isocytosine and Fused Isocytosine with Quinazoline: Organocatalytic Cascade Reaction of beta-Ketoamides**  
ÜNGÖREN Ş. H., Ozturk M., Degerli E. A.  
CHEMISTRYSELECT, vol.6, no.12, pp.2919-2922, 2021 (SCI-Expanded)
- IV. **DBU-catalyzed, aromatization-oriented, regioselective domino synthesis of 2-aminopyrimidines from beta-dicarbonyl compounds, DMF-DMA, and cyanamide**  
ÜNGÖREN Ş. H., Boz S.  
MOLECULAR DIVERSITY, vol.21, no.4, pp.925-932, 2017 (SCI-Expanded)
- V. **Novel self-condensation of ammonium dithiocarbamates leading to symmetrical substituted thioureas**  
ÜNGÖREN Ş. H., Sirca F.  
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.192, no.1, pp.28-33, 2017 (SCI-Expanded)
- VI. **A new method for the preparation of 5-acylidene and 5-imino substituted rhodanine derivatives and their antioxidant and antimicrobial activities**  
ÜNGÖREN Ş. H., ALBAYRAK S., Gunay A., Yurtseven L., Yurttas N.  
TETRAHEDRON, vol.71, no.25, pp.4312-4323, 2015 (SCI-Expanded)
- VII. **Synthesis and Structural Characterization of Pyrrole Heterocyclic Systems Bearing Amino Acid Units:**

**Novel Pyrrol-3-ones, Pyrrolo[1,2-a][3,1]benzoxazines, and Pyrrolo[2,1-b][1,3]oxazoles**

KOCA İ., SAÇMACI M., YILMAZ F., ÜNGÖREN Ş. H.

JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.51, no.1, pp.212-218, 2014 (SCI-Expanded)

- VIII. **Synthesis of pyrazine-2,3-dicarbonitrile and 1,2,4-triazine-5(4H)-one derivatives from furan-2,3-diones**  
ÜNGÖREN Ş. H., Dilekoglu E., KOCA İ.  
CHINESE CHEMICAL LETTERS, vol.24, no.12, pp.1130-1133, 2013 (SCI-Expanded)
- IX. **Synthesis of a Novel Chelating Resin Functionalized with beta-Dicarbonyl Units from a New Monomer and Its Use for Selective Separation and Preconcentration of Some Trace Metals in Water Samples**  
ÜNGÖREN Ş. H., KARTAL Ş.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.127, no.4, pp.2414-2421, 2013 (SCI-Expanded)
- X. **The synthesis of new pyrrolo[1,2-a]perimidin-10-one dyes via two convenient routes and its characterizations**  
KOCA İ., ÜNGÖREN Ş. H., KIBRIZ İ. E., YILMAZ F.  
DYES AND PIGMENTS, vol.95, no.2, pp.421-426, 2012 (SCI-Expanded)
- XI. **A facile protocol for the preparation of 5-alkylidene and 5-imino substituted hydantoins from N,N'-disubstituted parabanic acids**  
ÜNGÖREN Ş. H., KANI İ., Gunay A.  
TETRAHEDRON LETTERS, vol.53, no.35, pp.4758-4762, 2012 (SCI-Expanded)
- XII. **Preparation of perinones via a novel multicomponent synthesis of isoindole scaffold**  
ÜNGÖREN Ş. H., KOCA İ., YILMAZ F.  
TETRAHEDRON, vol.67, no.30, pp.5409-5414, 2011 (SCI-Expanded)
- XIII. **Synthesis of New Naphtho[2,3-f]quinoxaline-2,7,12(1H)-trione and Anthra-9,10-quinone Dyes from Furan-2,3-diones**  
Ungoren Ş. H.  
MOLECULES, vol.14, no.4, pp.1429-1437, 2009 (SCI-Expanded)
- XIV. **New Heterocyclic Phosphorus Ylides: Synthesis, Crystal Structure, and Theoretical Calculation of Alkyl Substituted 3-(4-Benzoyl-1,5-diphenyl-2,3-dihydro-1H-pyrazol-3-yl)-3-oxo-2-(triphenylphosphoranylidene) Propanoates**  
ÜNGÖREN Ş. H., SAÇMACI M., Arici C., ŞAHİN E., Arslan T., Kandemirli F.  
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.184, no.11, pp.2877-2890, 2009 (SCI-Expanded)
- XV. **Transformation of Furan-2,3-diones with 1,8-Diaminonaphthalene to Naphtho-[1,8-ef][1,4]diazepin-2(1H)-ones**  
Uengoren Ş. H.  
SYNTHETIC COMMUNICATIONS, vol.39, no.20, pp.3657-3662, 2009 (SCI-Expanded)
- XVI. **Preparation and characterization of novel pyrrol-3-ones attached to alpha/beta-amino acids, esters and amides**  
Sacmaci M., Ungoren Ş. H., Akcamur Y.  
AMINO ACIDS, vol.31, no.4, pp.397-401, 2006 (SCI-Expanded)
- XVII. **5-(4-methoxybenzoyl)-6-(4-methoxyphenyl)-3phenyl-3,4-dihydro-2H-1,3-oxazine-2,4-dione**  
Adams H., Hawxwell S., Sacmaci M., Ungoren Ş. H., Akcamur Y., Sahingoz R.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.61, 2005 (SCI-Expanded)
- XVIII. **4,7a-bis(4-methoxyphenyl)-1,3,7-tris(4-methylphenyl)2,3,5,6,7,7a-hexahydro-1H-pyrrolo[2,3-d]pyrimidine-2,5,6-trione**  
Adams H., Hawxwell S., Sacmaci M., Ungoren Ş. H., Akcamur Y., Sahingoz R.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.61, 2005 (SCI-Expanded)
- XIX. **Synthesis and Characterization of new alpha,beta-unsaturated gamma-lactones: Alkyl 3-acetyl-4-hydroxy-2-methyl-5-oxo-2,5-dihydrofuran-2-ylcarbamates**  
Ungoren Ş. H., Sacmaci M., Akcamur Y., Arici C., Ulku D.

JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.42, no.4, pp.685-689, 2005 (SCI-Expanded)

- XX. **4,7-bis(4-methoxyphenyl)-1,3,7-triphenyl-2,3,5,6,7,7a-hexahydro-1H-pyrrolo[2,3-d]-pyrimidine-2,5,6-trione**  
Adams H., Sacmaci M., Ungoren Ş. H., Akcamur Y.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.61, 2005 (SCI-Expanded)
- XXI. **2,4,5-Substituted furan-3(2H)-ones: Synthesis, reactions with amino acid and hydrazine derivatives**  
Sacmaci M., Ungoren E., Akcamur Y., Arici C., Ulku D.  
HETEROATOM CHEMISTRY, vol.16, no.3, pp.235-241, 2005 (SCI-Expanded)
- XXII. **4-acetyl-5-methyl-1-phenyl-1H-pyrazole-3-carboxylic acid**  
Arici C., Ulku D., Sacmaci M., Ungoren Ş. H., Akcamur Y.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.60, 2004 (SCI-Expanded)
- XXIII. **Synthesis of new 2,3-dihydrofuran-3-one derivative and its reactions with some primary amines**  
Ungoren Ş. H., Sacmaci M., Akcamur Y.  
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.41, no.2, pp.151-155, 2004 (SCI-Expanded)
- XXIV. **Synthesis of novel 2,3-dihydro-2,3-furandione and 1H-pyrazole-3-carboxylic acid derivatives**  
ÜNGÖREN Ş. H., Deniz B., Altural B.  
Asian Journal of Chemistry, vol.16, no.2, pp.805-810, 2004 (SCI-Expanded)
- XXV. **Structure and characterization of methyl (+/-)-1-(2-aminophenyl)-2-hydroxy-4-(4-methoxybenzoyl)-5-(4-methoxyphenyl)-3-oxo-2,3-dihydro-1H-pyrrole-2-acetate**  
Arici C., Ulku D., Ungoren Ş. H., Sacmaci M., Akcamur Y.  
ZEITSCHRIFT FÜR KRISTALLOGRAPHIE, vol.219, no.9, pp.554-557, 2004 (SCI-Expanded)
- XXVI. **Methyl (+/-)-1-ethyl-2-hydroxy-4-(4-methoxybenzoyl)-5-(4-methoxyphenyl)-3-oxo-2,3-dihydro-1H-pyrrole-2-acetate**  
Akkurt M., Ozturk S., Ungoren H., Sacmaci M., Fun H., Akcamur Y.  
ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, vol.59, 2003 (SCI-Expanded)
- XXVII. **2(R)-hydroxy-4-(4-methoxybenzoyl)-2-methoxycarbonylmethyl-5-(4-methoxyphenyl)-1-(2-methylphenyl)-2,3-dihydro-1H-3-pyrrolone**  
Ozturk S., Sacmaci M., Ungoren Ş. H., Akkurt M., Fun H., Akcamur Y.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.59, 2003 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Spectroscopic and structural study of the newly synthesized pyrrolo[1,2-a] perimidin-10-one derivatives**  
KOCA İ., BÖYÜKATA M., Cinakli S., Oruc Y., ÜNGÖREN Ş. H.  
ORGANIC COMMUNICATIONS, vol.9, no.4, pp.108-118, 2016 (ESCI)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Pirazollerin Glioksalmit Türevleri ve Sentezlerde Tiyazolidin-2,3-dionların Reaktif Olarak Kullanımı**  
Kıbrız İ. E., Üngören Ş. H.  
9. Uluslararası İlaç Kongresi, Antalya, Turkey, 8 - 11 April 2021, pp.161
- II. **Soğan Kabuğunda Bulunan Bazı Bileşiklerin ve Sentetik Türevlerinin Sentezleri, Bitki Düzenleyici Olarak Değerlendirilmesi**  
Kıbrız İ. E., Üngören Ş. H.  
9. Uluslararası İlaç Kimyası Kongresi, Antalya, Turkey, 8 - 11 April 2021, pp.76

## Expert Reports

## I. A new catalyst for the sythesis of 2 substituted perimidines catalyzed by FePO<sub>4</sub>

ÜNGÖREN Ş. H.

2015

### Supported Projects

ÜNGÖREN Ş. H., Project Supported by Higher Education Institutions, İzositozin Türevlerinin Sentezinde Yeni Bir Yöntemin Araştırılması, 2018 - 2019

ÜNGÖREN Ş. H., Project Supported by Higher Education Institutions, Bazı 1,3-Tiyazolidin-4-On Bilkeşiklerinin Hidrazinlerle Reaksiyonlarının Araştırılması, 2015 - 2016

ÜNGÖREN Ş. H., Project Supported by Higher Education Institutions, Amonyumdiyokarbamatların Kendine Kondenzasyon Reaksiyonundan Tiyörelerin Sentezi, 2015 - 2016

ÜNGÖREN Ş. H., Project Supported by Higher Education Institutions, Potansiyel Herbisit Olarak Yeni 1,2,4-Triazin ve Pirazin-2,3-Dikarbonitril Türevi Heterohalkalı (Emine Dilekoğlu \*12/07/10), 2011 - 2012

### Metrics

Publication: 31

Citation (WoS): 130

Citation (Scopus): 157

H-Index (WoS): 6

H-Index (Scopus): 8

### Awards

Üngören Ş. H., Kıbrız İ. E., Onur Ödülü, İx. İlaç Kimyası Kongresi, March 2021

Üngören Ş. H., XXIII. Ulusal Kimya Kongresi Poster Ödülü, Cumhuriyet Üniversitesi, June 2009

Üngören Ş. H., Bilimsel Yayın Onur Ödülü, Erciyes Üniversitesi, September 2006

Üngören Ş. H., Bilimsel Yayın Onur Ödülü, Erciyes Üniversitesi, January 2005