

## Assoc. Prof. Kadir TURHAN

### Personal Information

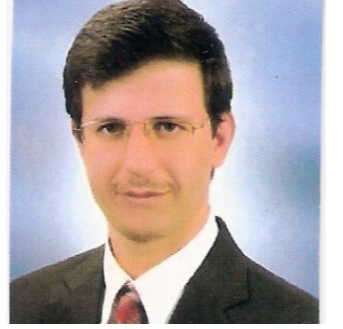
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### International Researcher IDs

ORCID: 0000-0002-7718-1618

Yoksis Researcher ID: 39729

### Education Information

Doctorate, Yildiz Technical University, Faculty Of Arts & Science, Department Of Chemistry, Turkey 1993 - 2001

Postgraduate, Yildiz Technical University, Faculty Of Arts & Science, Department Of Chemistry, Turkey 1990 - 1993

Undergraduate, Yıldız Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 1986 - 1990

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Health&Medicine, İlk Yardım, Sağlık Bakanlığı, İlçe Sağlık Müdürlüğü, 2017

Education Management and Planning, Uygulamalı Ar-Ge Proje Yazımı ve Yönetimi, TÜBİTAK 2237- Proje Eğitimi Etkinliklerini Destekleme Programı, 2013

Education Management and Planning, I. Biyomühendislik ve Genetik Günleri, Üsküdar Üniversitesi, Üsküdar Biyom ve Üsge Kulüpleri, 2013

Education Management and Planning, Yıldız Biyomühendislik Günleri, Yıldız Teknik Üniversitesi, 2013

Education Management and Planning, Recent Advances in Synthetic and Biological Gels, Clausthal University of Technology, İstanbul Technical University, İstanbul, 2011

Quality Management, Türkiye'de Toptan Elektrik Enerjisi Ticareti Uygulamaları, İnsan Kaynakları Hizmetleri, Eğitim ve Danışmanlık, 2011

Education Management and Planning, 17th International Energy and Environment Fair and Conference, Sektörel Fuarçılık, 2011

Education Management and Planning, Yıldız Biyomühendislik Günleri, Yıldız Teknik Üniversitesi, 2011

Education Management and Planning, Sorumlu Müdürlük Sertifikası, Kimyagerler Derneği, 2008

Education Management and Planning, Ekoloji Temelli Çevre Eğitimi Programı- Amanos Dağları ve Antakya Çevresi, TÜBİTAK, 2006

Education Management and Planning, Ekoloji Temelli Çevre Eğitimi Programı- Ilgaz ve Küre Dağları Milli Parkı, TÜBİTAK,,

2005

Education Management and Planning, Development of Regional Guidelines for Wastewater Treatment and Reuse, Institute of Earth and Environmental Sciences, Al al-Bayt University, Mafraq, Jordan, 2004

Education Management and Planning, Efficient Management of Wastewater Reuse, Institute of Earth and Environmental Sciences, Al al-Bayt University, Mafraq, Jordan, 2004

Education Management and Planning, Wastewater Management in Rural and Suburban Areas, Institute of Earth and Environmental Sciences, Al al-Bayt University, Mafraq, Jordan, 2004

## **Dissertations**

Doctorate, İçme Sularına Kirletici Olarak Karışan Aromatik Bileşiklerin Ozonla Parçalanması ve Kinetiğinin İncelenmesi, Yıldız Teknik Üniversitesi, Faculty of Arts & Science, Department of Chemistry, 2001

Postgraduate, Anilinin Kimyasal Oksidasyonu, Yıldız Teknik Üniversitesi, Faculty of Arts & Science, Department of Chemistry, 1993

## **Research Areas**

Chemistry, Organic Chemistry, Chemistry of Aromatic Compounds, Chemistry of Heterocyclic Compounds, Natural Sciences

## **Academic Titles / Tasks**

Associate Professor, Yildiz Technical University, Faculty Of Arts & Science, Department Of Chemistry, 2019 - Continues

Assistant Professor, Yildiz Technical University, Faculty Of Arts & Science, Department Of Chemistry, 2018 - 2019

Assistant Professor, Yildiz Technical University, Faculty Of Arts & Science, Department Of Chemistry, 2017 - 2018

## **Courses**

Adli Bilimde Kimya, Undergraduate, 2021 - 2022

Organik Kimya 1, Undergraduate, 2021 - 2022

Organik Kimya Laboratuvarı II, Undergraduate, 2021 - 2022

Genel Kimya, Undergraduate, 2020 - 2021

İleri Organik Kimya II, Postgraduate, 2020 - 2021

GENEL KİMYA, Undergraduate, 2018 - 2019

UZMANLIK ALAN DERSİ, Postgraduate, 2018 - 2019

İŞ SAĞLIĞI VE GÜVENLİĞİ 2, Undergraduate, 2018 - 2019

Genel Kimya 4 (Organik Kimya), Undergraduate, 2018 - 2019, 2017 - 2018

GENEL KİMYA , Undergraduate, 2017 - 2018

HETEROHALKALI ORGANİK BİLEŞİKLER KİMYASI, Postgraduate, 2017 - 2018

UZMANLIK ALAN DERSİ, Postgraduate, 2017 - 2018

ORGANİK KİMYA 1, Undergraduate, 2017 - 2018

Genel Kimya, Undergraduate, 2017 - 2018

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

- The influence of Plasticizer on the Mechanical, Structural, Thermal and Strain Recovery Properties following Stress-Relaxation Process of Silk Fibroin/Sodium Alginate Biocomposites for Biomedical**

## Applications

Aksakal B., Kaplan Z., Turhan K.

JOURNAL OF THE MECHANICAL BEHAVIOR OF BIOMEDICAL MATERIALS, vol.161, pp.1-18, 2025 (SCI-Expanded)

- II. **Evaluation of the protective properties and genotoxic potential of pyrazolo pyridine derivatives against neutron and gamma radiation using the Ames/Salmonella test system**  
Aygün B., Alaylar B., TURHAN K., KARADAYI M., CİNAN E., TURGUT Z., Sezer T., SOLA V., Koc T. Y., KARABULUT A.  
International Journal of Radiation Biology, vol.100, no.8, pp.1213-1225, 2024 (SCI-Expanded)
- III. **In Vitro Genotoxic and Antigenotoxic Effects of Ten Novel Synthesized 4-Thiazolidinone Derivatives**  
Alaylar B., Güllüce M., Turhan K., Koç T. Y., Karadayı M., Tuğcu F. T., Isaoglu M.  
Chemistry and Biodiversity, vol.20, no.9, 2023 (SCI-Expanded)
- IV. **Investigation of radiation protective features of azadispiro derivatives and their genotoxic potential with Ames/Salmonella test system**  
Alaylar B., Aygün B., Turhan K., Karadayı M., Cinan E., Turgut Z., Karadayı G., Abu Al-Sayyed M. I., Güllüce M., Karabulut A.  
INTERNATIONAL JOURNAL OF RADIATION BIOLOGY, vol.99, no.2, pp.245-258, 2022 (SCI-Expanded)
- V. **Determination of optimal conditions in decolorization of disperse dyes in aqueous solution by ozonation**  
Turhan K.  
Global Nest Journal, vol.23, pp.1-10, 2021 (SCI-Expanded)
- VI. **Characterization of gamma-ray and neutron radiation absorption properties of synthesized quinoline derivatives and their genotoxic potential**  
Alaylar B., Aygün B., Turhan K., Karadayı G., Şakar E., Singh V., Sayyed M., Pelit E., Karabulut A., Güllüce M., et al.  
Radiation Physics And Chemistry, vol.184, pp.1-12, 2021 (SCI-Expanded)
- VII. **Investigation of neutron and gamma radiation protective characteristics of synthesized quinoline derivatives**  
Aygün B., Alaylar B., Turhan K., Şakar E., Karadayı M., İbrahim A. S. M., Pelit E., Güllüce M., Karabulut A., Turgut Z., et al.  
International Journal Of Radiation Biology, vol.97, pp.1-12, 2020 (SCI-Expanded)
- VIII. **2H-Indazolo[2,1-b]phthalazine-trione derivatives: Inhibition on some metabolic enzymes and molecular docking studies**  
Taslimi P., Türkan F., Karaman H. S., Turhan K., Turgut Z., Gülçin İ.  
Journal Of Heterocyclic Chemistry, vol.57, no.5, pp.3116-3125, 2020 (SCI-Expanded)
- IX. **Novel benzo[b]xanthene derivatives: Bismuth(III) triflate-catalyzed one-pot synthesis, characterization, and acetylcholinesterase, glutathione S-transferase, and butyrylcholinesterase inhibitory properties**  
Turhan K., Pektaş B., Türkan F., Tuğcu F. T., Turgut Z., Taslimi P., Karaman H. S., Gülçin İ.  
Archiv Der Pharmazie, vol.353, no.5, pp.1-12, 2020 (SCI-Expanded)
- X. **Cholinesterases, alpha-glycosidase, and carbonic anhydrase inhibition properties of 1H-pyrazolo[1,2-b]phthalazine-5,10-dione derivatives: Synthetic analogues for the treatment of Alzheimer's disease and diabetes mellitus**  
Taslimi P., TURHAN K., Turkan F., Karaman H. S., TURGUT Z., GÜLÇİN İ.  
BIOORGANIC CHEMISTRY, vol.97, 2020 (SCI-Expanded)
- XI. **Efficient One-Pot Synthesis of 2H-indazolo[2,1-b]phthalazine-1,6,11-trione Derivatives Catalyzed by Y(OTf)(3)**  
Turhan K., Turgut Z.  
RUSSIAN JOURNAL OF ORGANIC CHEMISTRY, vol.55, pp.250-253, 2019 (SCI-Expanded)
- XII. **Synthesis and spectroscopic studies of substituted 5,6,7,8-tetrahydroquinazolin-2-amine compounds via one-pot method**  
TUĞCU F. T., TURHAN K.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1174, pp.84-89, 2018 (SCI-Expanded)
- XIII. **Synthesis and spectroscopic studies of substituted 6,7-dihydrocyclopentapyrimidin-2-amine**

**compounds via one-pot method**

TUĞCU F. T., TURHAN K.

JOURNAL OF MOLECULAR STRUCTURE, vol.1174, pp.90-95, 2018 (SCI-Expanded)

- XIV. **Synthesis of 4-thiazolidinone derivatives and assessment of their toxicological properties**  
TUĞCU F. T., TURHAN K., KARADAYI M., GULLUCE M.  
Romanian Biotechnological Letters, vol.23, pp.13276-13286, 2018 (SCI-Expanded)
- XV. **Genotoxic evaluation of newly synthesized iminothiazolidinones**  
TUĞCU F. T., TURHAN K., KARADAYI M., GÜLLÜCE M.  
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.33, no.11, pp.811-820, 2017 (SCI-Expanded)
- XVI. **Ultrasonic synthesis, characterization of -aminoketones by bismuth(III) triflate and determination of antigenotoxic properties**  
Ozturkcan S. A., TURHAN K., TURGUT Z., KARADAYI M., GÜLLÜCE M.  
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.31, no.10, pp.911-919, 2015 (SCI-Expanded)
- XVII. **Inhibition of the mutagenic effects of N-methyl-N'-nitro-N-nitrosoguanidine and 9-Aminoacridine by indenopyridines in the Salmonella typhimurium tester strain 1537 and E. coli**  
TURHAN K., Ozturkcan S. A., TURGUT Z., KARADAYI M., GÜLLÜCE M.  
DRUG AND CHEMICAL TOXICOLOGY, vol.37, no.4, pp.365-369, 2014 (SCI-Expanded)
- XVIII. **Genotoxic and antigenotoxic assessment of four newly synthesized dihydropyridine derivatives**  
TURHAN K., Ozturkcan S. A., TURGUT Z., KARADAYI M., Aslan A., GÜLLÜCE M.  
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.30, no.3, pp.275-283, 2014 (SCI-Expanded)
- XIX. **One-pot Synthesis of Indenonaphthopyrans Catalyzed by Copper(II) Triflate: A Comparative Study of Reflux and Ultrasound Methods**  
TURHAN K., OZTURKCAN S. A., ULUER M., TURGUT Z.  
ACTA CHIMICA SLOVENICA, vol.61, no.3, pp.623-628, 2014 (SCI-Expanded)
- XX. **Decolorization and Degradation of Reactive Dye in Aqueous Solution by Ozonation in a Semi-batch Bubble Column Reactor**  
TURHAN K., OZTURKCAN S. A.  
WATER AIR AND SOIL POLLUTION, vol.224, no.1, 2013 (SCI-Expanded)
- XXI. **Protective properties of five newly synthesized cyclic compounds against sodium azide and N-methyl-N'-nitro-N-nitrosoguanidine genotoxicity**  
TURHAN K., ÖZTÜRKCAN S. A., TURGUT Z., KARADAYI M., GÜLLÜCE M.  
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.28, no.7, pp.605-613, 2012 (SCI-Expanded)
- XXII. **Antigenotoxic properties of two newly synthesized beta-aminoketones against N-methyl-N'-nitro-N-nitrosoguanidine and 9-aminoacridine-induced mutagenesis**  
ÖZTÜRKCAN S. A., TURHAN K., TURGUT Z., KARADAYI M., GÜLLÜCE M.  
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.26, no.7, pp.258-263, 2012 (SCI-Expanded)
- XXIII. **Decolorization of textile basic dye in aqueous solution by ozone**  
TURHAN K., DURUKAN İ., ÖZTÜRKCAN S. A., TURGUT Z.  
Dyes And Pigments, vol.92, pp.897-901, 2012 (SCI-Expanded)
- XXIV. **Triflates promoted one-pot synthesis of functionalized unsymmetrical new dihydro-1H-indeno[1,2-B]pyridines through Hantzsch reaction under ultrasonic irradiation**  
TURHAN K., Ozturkcan S. A., TURGUT Z.  
Journal of the Chemical Society of Pakistan, vol.34, no.1, pp.94-101, 2012 (SCI-Expanded)
- XXV. **Ultrasound-assisted rapid synthesis of beta-aminoketones with direct-type catalytic Mannich reaction using bismuth(III) triflate in aqueous media at room temperature**  
ÖZTÜRKCAN S. A., TURHAN K., TURGUT Z.  
CHEMICAL PAPERS, vol.66, no.1, pp.61-66, 2012 (SCI-Expanded)
- XXVI. **Synthesis and Characterizations of New 1,3-Oxazine Derivatives**  
ÖZTÜRKCAN S. A., TURHAN K., TURGUT Z.  
JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN, vol.33, no.6, pp.939-944, 2011 (SCI-Expanded)
- XXVII. **Removal of Water in Liquid Fuel with a Super Absorbent Copolymer**

İSMAİL O., Beyribey B., TURHAN K.

ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.33, no.18, pp.1669-1677, 2011 (SCI-Expanded)

- XXVIII. **Treatment and degradability of direct dyes in textile wastewater by ozonation: A laboratory investigation**  
TURHAN K., TURGUT Z.  
DESALINATION AND WATER TREATMENT, vol.11, pp.184-191, 2009 (SCI-Expanded)
- XXIX. **Decolorization of direct dye in textile wastewater by ozonation in a semi-batch bubble column reactor**  
TURHAN K., TURGUT Z.  
DESALINATION, vol.242, pp.256-263, 2009 (SCI-Expanded)
- XXX. **Aza-Diels-Alder Reactions with Lanthanide Triflates: Syntheses of Quinoline and Phenanthridine Derivatives**  
TURHAN K., PELİT E., TURGUT Z.  
SYNTHETIC COMMUNICATIONS, vol.39, no.10, pp.1729-1741, 2009 (SCI-Expanded)
- XXXI. **Removal of phenol from water using ozone**  
TURHAN K., UZMAN S.  
DESALINATION, vol.229, pp.257-263, 2008 (SCI-Expanded)
- XXXII. **Oxidation of aniline using different reaction pathways**  
TURHAN K., UZMAN S.  
ASIAN JOURNAL OF CHEMISTRY, vol.20, no.2, pp.1295-1302, 2008 (SCI-Expanded)
- XXXIII. **The degradation products of aniline in the solutions with ozone and kinetic investigations**  
TURHAN K., UZMAN S.  
ANNALI DI CHIMICA, vol.97, no.10, pp.1129-1138, 2007 (SCI-Expanded)
- XXXIV. **Reducing chemical oxygen demand and decolorization of direct dye from synthetic textile wastewater by ozonation in a batch bubble column reactor**  
TURHAN K., TURGUT Z.  
Fresenius Environmental Bulletin, vol.16, pp.821-825, 2007 (SCI-Expanded)
- XXXV. **Chemical contents and some trace metals of honeys produced in the Middle Anatolia region of Turkey**  
TURHAN K.  
Fresenius Environmental Bulletin, vol.16, pp.459-464, 2007 (SCI-Expanded)
- XXXVI. **Determination of some trace metals of mushrooms produced in middle Black Sea region of Turkey**  
TURHAN K.  
Fresenius Environmental Bulletin, vol.16, pp.397-402, 2007 (SCI-Expanded)
- XXXVII. **Biosorption of Au(III) and Cu(II) from aqueous solution by a non-living *Cetraria islandica* (L) Ach.**  
Dogan C. E., TURHAN K., AKÇİN G., ASLAN A.  
ANNALI DI CHIMICA, vol.96, pp.229-236, 2006 (SCI-Expanded)
- XXXVIII. **Biosorption of Au(III) and Cu(II) from aqueous solution by a non-living *Usnea longissima* biomass**  
TURHAN K., Ekinci-Dogan C., AKÇİN G., Aslan A.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.14, pp.1129-1135, 2005 (SCI-Expanded)

## Articles Published in Other Journals

- I. **OPTIMIZATION OF OZONATION IN THE REMOVAL OF BASIC BLUE 41 IN AQUEOUS SOLUTION**  
Turhan K.  
BULGARIAN CHEMICAL COMMUNICATIONS, vol.56, no.3, pp.1-7, 2024 (Scopus)
- II. **One-Pot Synthesis of Substituted Phthalazine-5,10-dione Derivatives in the Presence of Triflate Catalyst**  
TURHAN K.

Journal of the Institute of Science and Technology; Iğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.9, no.1, pp.467-478, 2019 (Peer-Reviewed Journal)

- III. **Decolorization of Reactive Yellow 17 in aqueous solution by ozonation in a semi-batch bubble column reactor**  
TURHAN K.  
Journal of the Turkish Chemical Society, Section A: Chemistry, vol.5, pp.835-844, 2018 (Scopus)
- IV. **One pot Synthesis of 1H benzo f chromen 2 yl phenyl methanone Derivatives in the Presence of Copper Triflate as Catalyst Using Ultrasonic**  
ZELEKE T. Y., TURHAN K., TURGUT Z.  
American Chemical Science Journal, vol.13, pp.1-8, 2016 (Peer-Reviewed Journal)
- V. **Sumac Leaves as a Novel Low Cost Adsorbent for Removal of Basic Dye Methylene Blue from Aqueous Solution**  
Dülger Ö., Turak F., Turhan K., Özgür M.  
ISRN Analytical Chemistry, no.2013, pp.1-9, 2013 (Peer-Reviewed Journal)
- VI. **Günlük Hayatımızdaki Asit ve Baz Özelliğindeki Kimyasallar**  
TURHAN K.  
Kimya Teknolojileri, no.7, pp.90-93, 2008 (Non Peer-Reviewed Journal)
- VII. **Susuzluk Dünyayı Vuracak!**  
TURHAN K.  
Kimya Teknolojileri, no.6, pp.46-48, 2008 (Non Peer-Reviewed Journal)
- VIII. **Zararları ve Faydaları ile A'dan Z'ye Kafein**  
TURHAN K.  
Kimya Teknolojileri, no.5, pp.90-93, 2008 (Non Peer-Reviewed Journal)
- IX. **Ananas ve Mucizevî Kimyası**  
TURHAN K.  
Kimya Teknolojileri, no.4, pp.64-66, 2008 (Non Peer-Reviewed Journal)
- X. **Kompozit Malzeme Üretimde Bor ve Bileşikleri**  
TURHAN K.  
Kimya Teknolojileri, no.3, pp.34-41, 2008 (Non Peer-Reviewed Journal)
- XI. **Yenilenebilir Enerji**  
TURHAN K.  
Kimya Teknolojileri, no.2, pp.94-100, 2008 (Non Peer-Reviewed Journal)
- XII. **Vücudumuzla İlgili İlginç Notlar**  
TURHAN K.  
Kimya Teknolojileri, pp.94-96, 2008 (Non Peer-Reviewed Journal)
- XIII. **Küresel Isınma**  
TURHAN K.  
Kimya Teknolojileri, no.11, pp.128-131, 2007 (Non Peer-Reviewed Journal)
- XIV. **Yaşam İçin Gerekli Olan Elementler**  
TURHAN K.  
Kimya Teknolojileri, no.10, pp.118-120, 2007 (Non Peer-Reviewed Journal)
- XV. **Bitkiler ve Kozmetik Kimyaları**  
TURHAN K.  
Kimya Teknolojileri, no.9, pp.134-136, 2007 (Non Peer-Reviewed Journal)
- XVI. **Karıncalar ve İlginç Yaşamları**  
TURHAN K.  
Kimya Teknolojileri, pp.38-42, 2007 (Non Peer-Reviewed Journal)
- XVII. **Organik Tarım ve Teknolojisi**  
TURHAN K.  
Kimya Teknolojileri, no.7, pp.42-47, 2007 (Non Peer-Reviewed Journal)
- XVIII. **Serbest Radikaller ve Bilince Dayalı Sağlık**

- TURHAN K.  
Kimya Teknolojileri, no.6, 2007 (Non Peer-Reviewed Journal)
- XIX. **Ozonun Çevre Proseslerinde Kullanımı**  
TURHAN K.  
Kimya Teknolojileri, no.5, pp.22-26, 2007 (Non Peer-Reviewed Journal)
- XX. **Canlılardaki Kimyasal Savunma Sistemleri**  
TURHAN K.  
Kimya Teknolojileri, no.4, pp.36-38, 2007 (Non Peer-Reviewed Journal)
- XXI. **Bilim Adamlarının İlham Kaynağı: Akıllı Malzemeler**  
TURHAN K.  
Kimya Teknolojileri, no.3, pp.38-45, 2007 (Non Peer-Reviewed Journal)
- XXII. **Arılar ve Kimya**  
TURHAN K.  
Kimya Teknolojileri, no.2, pp.24-26, 2007 (Non Peer-Reviewed Journal)
- XXIII. **Doğal Arıtma Sistemlerinde Kimyasal Prosesler**  
TURHAN K.  
Kimya Teknolojileri, no.1, pp.28-34, 2007 (Non Peer-Reviewed Journal)
- XXIV. **Boru Reaktörde Farklı Bağlayıcıların Yüksek Performanslı Üretimi**  
TURHAN K., SARAÇ A., YILDIRIM H.  
Kimya Teknolojileri, no.12, pp.68-71, 2006 (Non Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Sorption of Zn(II) and Pb(II) Ions by a New Resin Synthesized from Sumac Tannin and Gelatin**  
Turhan K., Turak F., Özgür M.  
in: Innovations in Chemical Biology, Bilge ŞENER, Editor, Springer-Verlag , Dordrecht, pp.253-260, 2009
- II. **The Mechanical Properties of Water-Based Emulsion Polymers: Effect of Reaction Conditions**  
Saraç A., Turhan K.  
in: Innovations in Chemical Biology, Bilge ŞENER, Editor, Springer-Verlag , Dordrecht, pp.405-409, 2009
- III. **Sorption of Pb(II) and Zn(II) Ions from Aqueous Solution by Tannin Resins**  
Turak F., Turhan K., Özgür M.  
in: Innovations in Chemical Biology, Bilge ŞENER, Editor, Springer-Verlag , Dordrecht, pp.277-283, 2009
- IV. **Synthesis of 2,4-Disubstituted-3,4-Dihydro-2H-Naphth[2,1-e][1,3]Oxazines**  
Turgut Z., Pelit E., Turhan K.  
in: Innovations in Chemical Biology, Bilge ŞENER, Editor, Springer-Verlag , Dordrecht, pp.343-346, 2009
- V. **Effects of Thermal Treatment and Storage on Hydroxymethylfurfural (HMF) Content and Diastase Activity of Honeys Collected from Middle Anatolia in Turkey**  
Turhan K.  
in: Innovations in Chemical Biology, Bilge ŞENER, Editor, Springer-Verlag , Dordrecht, pp.233-239, 2009
- VI. **Determination of Some Trace Metals in Edible Mushrooms Samples Using Atomic Absorption Spectrometry**  
Turhan K.  
in: Innovations in Chemical Biology, Bilge ŞENER, Editor, Springer-Verlag , Dordrecht, pp.247-251, 2009
- VII. **The Mechanical Properties of Water-Based Emulsion Polymers: Effect of Reaction Conditions**  
TURHAN K., SARAÇ A.  
in: Innovations in Chemical Biology, Bilge Sener, Editor, Springer Science + Business Media B.V., pp.405-409, 2009
- VIII. **The Degradation Kinetics of Phenol Solutions with Ozone**  
Turhan K., Uzman S.  
in: Innovations in Chemical Biology, Bilge ŞENER, Editor, Springer-Verlag , Dordrecht, pp.241-245, 2009

## Refereed Congress / Symposium Publications in Proceedings

- I. **SYNTHESIS OF SUBSTITUTED CHALCONES THAT MAY SHOW BIOLOGICAL ACTIVITY**  
Turhan K., Tok Demir S.  
1. INTERNATIONAL ÜSKÜDAR SCIENTIFIC RESEARCH AND INNOVATION CONGRESS, İstanbul, Turkey, 19 - 20 July 2024, pp.1
- II. **The Investigation of Uniaxial Tensile and Structural Properties of Silk Fibroin/Rice Starch/Polyvinyl Alcohol Composite films for Eco-friendly Packaging Applications**  
Gül S., Aksakal B., Turhan K.  
17th International Scientific Research Congress (UBAK), Ankara, Turkey, 19 - 20 August 2023, pp.35-36
- III. **Investigation of uniaxial tensile properties of plasticized silk fibroin/sodium alginate biocomposite films for biomedical applications**  
Kablan Z., Aksakal B., Turhan K.  
38th International Physics Congress of Turkish Physical Society, Muğla, Turkey, 31 August - 04 September 2022, pp.324
- IV. **A Newly Synthesized 4-Thiazolidinone Derivative with Antimutagenic Effect against NPD-Induced Mutagenesis**  
Alaylar B., İsaoglu M., Güllüce M., Turhan K., Tuğcu F. T., Karadayı M.  
5TH INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL AND APPLIED SCIENCES (ICANAS), Ağrı, Turkey, 21 - 23 September 2021, pp.51
- V. **Synthesis of pyrazolo[3,4-b]pyridine and pyrido[2,3-d]pyrimidine derivatives**  
SEZER T., TURHAN K., TURGUT Z.  
23rd JCF-Frühjahrssymposium 2021, Germany, 29 March 2021
- VI. **A green multicomponent synthesis of pyrimido[4,5-b]quinoline derivatives**  
TURHAN K., TURGUT Z.  
2nd International Eurasian Conference on Science, Engineering and Technology, 7 - 09 October 2020
- VII. **ONE-POT SYNTHESIS of SUBSTITUED TETRAHYDROQUINAZOLIN-2-AMINES**  
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TURHAN K., Ulusoy D. B., Project Supported by Higher Education Institutions, Hidrofobik Madde İçeren Katyonik Poliamid Mikrokapsüllerin Sentezlenmesi Karakterizasyonu ve Stabilesinin İncelenmesi, 2023 - Continues

TURHAN K., Uluer M., Project Supported by Higher Education Institutions, Latent Parmak İzlerinin Geliştirilmesinde Etkin



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Turhan K., Özkaya B., TUBITAK Project, SAP(super absorbent polymer) iç ve dış çapraz bağlama polimerleri sentezi, sentez prosesi optimizasyonu ve pilot ölçekte uygulanabilirliğinin sağlanması, 2019 - 2026

AKSAKAL B., ÇALIŞKAN M., DENKDAŞ C., YARGI Ö., TURHAN K., BOZDOĞAN A., Project Supported by Higher Education Institutions, Polimer/ipek Fibroin Biyokompozit Filmlerinin Mekanik, Yapısal ve İyileşme Özelliklerinin İncelenmesi, 2021 - 2023

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## Scientific Refereeing

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Journal of Polymers and the Environment , SCI Journal, June 2016

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## Metrics

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TURHAN K., Yıldız Teknik Üniversitesi, Science Citation Index kapsamındaki dergilerde 2006-2007 yılında en fazla yayın yapan Araştırma Görevlileri arasında 3. lük Ödülü, Yıldız Teknik Üniversitesi, January 2007

TURHAN K., Yıldız Teknik Üniversitesi, Science Citation Index-Expanded kapsamındaki Dergilerde 2005-2006 yılında en fazla yayın yapan Araştırma Görevlileri arasında 3. lük Ödülü, Yıldız Teknik Üniversitesi, January 2006

## **Non Academic Experience**

Kalekalıp Makine ve Kalıp Sanayi A.Ş.  
Otokar Karoseri Sanayi