

## Res. Asst. PhD ZEHRA ÖZÇİFÇİ

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: HJI-1678-2023

ScopusID: 57207958038

Yoksis Researcher ID: 314678

### Education Information

Doctorate, Recep Tayyip Erdogan University, Fen Bilimleri Enstitüsü, Kimya, Turkey 2019 - 2024

Postgraduate, Recep Tayyip Erdogan University, Fen Bilimleri Enstitüsü, Kimya, Turkey 2015 - 2019

Undergraduate, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Kimya, Turkey 2008 - 2012

### Certificates, Courses and Trainings

Vocational Training, Basics of Gas Adsorption: Physisorption Technique, ANTON PAAR, 2021

Vocational Training, Tozların ve Gözenekli Malzemelerin Gaz Adsorpsiyonu İle Yüzey Alanı Ölçümü Nasıl Yapılır?, ANTON PAAR, 2021

Project Management, TÜBİTAK 1071 Programı Çevrim İçi Proje Yazma Eğitimi, TÜBİTAK, 2021

Personal Evolution, Kişisel Gelişim ve Koçluk Eğitimi, Lab Akademi, 2021

Vocational Training, Partikül Boyut Analizinin Önemi Webinar, Atomika Teknik, 2020

Vocational Course, Mikronize Malzeme Karakterizasyon Metodları ve Teknolojileri, Atomika Teknik, 2018

Quality Management, TS EN ISO 14001, EYD Elit Yönetim ve Kalite Danışmanlık Kalite Direktörlüğü, 2013

Quality Management, ISO 9001:2008, EYD Elit Yönetim ve Kalite Danışmanlık Kalite Direktörlüğü, 2013

Education Management and Planning, TS EN ISO/IEC 17025:2005, Kimyagerler Derneği, 2012

Quality Management, ISO 22000:2005, Kimyagerler Derneği, 2011

Occupational Health and Safety, OHSAS 18001:2007, Kimyagerler Derneği, 2011

### Dissertations

Postgraduate, FOSFORİK ASİTLE KİMYASAL AKTİVE EDİLMİŞ ATIK ÇAY ÇALISINDAN AKTİF KARBON ÜRETİMİ, Recep Tayyip Erdogan University, Fen Bilimleri Enstitüsü, Kimya, 2019

### Research Areas

Material Characterization, Chemistry, Physical Chemistry, Electrochemistry, Surface Chemistry, Natural Sciences

## Academic Titles / Tasks

Research Assistant PhD, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Kimya Bölümü, 2024 - Continues  
Research Assistant, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Kimya Bölümü, 2020 - 2024

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

- I. **Novel phthalocyanines bearing fluoro-methylquinolin substituents: Synthesis, characterization, photophysical and photochemical properties**  
DEMİRBAŞ Ü., ÖZÇİFÇİ Z., AKÇAY H. T.  
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.1022, 2024 (SCI-Expanded)
- II. **Microplastics in honey from Türkiye: Occurrence, characteristic, human exposure, and risk assessment**  
Başaran B., Özçifçi Z., Kanbur E. D., Akçay H. T., Gül S., Bektaş Y., Aytan Ü.  
JOURNAL OF FOOD COMPOSITION AND ANALYSIS, vol.135, 2024 (SCI-Expanded)
- III. **Microplastic contamination in some beverages marketed in türkiye: Characteristics, dietary exposure and risk assessment**  
BAŞARAN B., AYTAN Ü., ŞENTÜRK Y., ÖZÇİFÇİ Z., AKÇAY H. T.  
FOOD AND CHEMICAL TOXICOLOGY, vol.189, 2024 (SCI-Expanded)
- IV. **Production and characterization of activated carbon foams with various activation agents for electrochemical double layer capacitors (EDLCs) applications**  
ÖZÇİFÇİ Z., EMİRİK M., AKÇAY H. T., YUMAK T.  
COLLOIDS AND SURFACES A-PHYSCOCHEMICAL AND ENGINEERING ASPECTS, vol.690, 2024 (SCI-Expanded)
- V. **The effective polymeric macromolecule as peroxymonosulfate activator as an alternative to metal oxides in the treatment of organic dye pollutants**  
DEMİR A., AKÇAY H. T., ÖZÇİFÇİ Z., KELEŞ T.  
MATERIALS TODAY COMMUNICATIONS, vol.39, 2024 (SCI-Expanded)
- VI. **Microplastics in branded milk: Dietary exposure and risk assessment**  
BAŞARAN B., ÖZÇİFÇİ Z., AKÇAY H. T., AYTAN Ü.  
JOURNAL OF FOOD COMPOSITION AND ANALYSIS, vol.123, 2023 (SCI-Expanded)
- VII. **A new activated carbon-supported Pd-ZnO catalyst for Heck Cross-coupling reactions**  
Karaoğlu K., Özçifçi Z., Çalışkan M., Türker Akçay H. T., Baran T.  
INORGANIC CHEMISTRY COMMUNICATIONS, vol.154, 2023 (SCI-Expanded)
- VIII. **Treatment of wastewater containing organic pollutants in the presence of N-doped graphitic carbon and Co<sub>3</sub>O<sub>4</sub>/peroxymonosulfate**  
AKÇAY H. T., DEMİR A., ÖZÇİFÇİ Z., YUMAK T., KELEŞ T.  
CARBON LETTERS, vol.33, no.5, pp.1445-1460, 2023 (SCI-Expanded)
- IX. **Sucrose-based activated carbon foams as an electrode active material for supercapacitors**  
Özçifçi Z., Ozsanlı M. A., Akçay H. T., Yumak T.  
JOURNAL OF POROUS MATERIALS, vol.30, no.3, pp.797-810, 2023 (SCI-Expanded)
- X. **Microplastic contamination and risk assessment in table salts: Turkey**  
ÖZÇİFÇİ Z., BAŞARAN B., AKÇAY H. T.  
FOOD AND CHEMICAL TOXICOLOGY, vol.175, 2023 (SCI-Expanded)
- XI. **Novel peripheral and non-peripheral oxobenzo[d]thiazol substituted cobalt phthalocyanines: Synthesis, electrochemistry, spectroelectrochemistry, electrocatalytic hydrogen production in alkaline medium**  
Akyuz D., ÖZÇİFÇİ Z., MENTEŞE E., AKÇAY H. T.  
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.924, 2022 (SCI-Expanded)
- XII. **Occurrence of Microplastics in Herpetological Museum Collection: Grass Snake (*Natrix natrix* [Linnaeus, 1758]) and Dice Snake (*Natrix tessellata* [Laurenti, 1769]) as Model Organisms**

GÜL S., KARAOĞLU K., ÖZÇİFÇİ Z., CANDAN K., ILGAZ Ç., KUMLUTAŞ Y.  
WATER AIR AND SOIL POLLUTION, vol.233, no.5, 2022 (SCI-Expanded)

- XIII. **Catalytic activity of palladium doped activated carbon from waste coffee on some environmental pollutants**  
KARAOĞLU K., ÖZÇİFÇİ Z., CALISKAN M., BARAN T., AKÇAY H. T.  
MATERIALS CHEMISTRY AND PHYSICS, vol.282, 2022 (SCI-Expanded)
- XIV. **Mesoporous chromium oxide doped palladium catalysis for cyanation reaction of some aryl halides**  
KARAOĞLU K., AKÇAY H. T., ÖZÇİFÇİ Z., CALISKAN M., BARAN T.  
CERAMICS INTERNATIONAL, vol.47, no.19, pp.27816-27821, 2021 (SCI-Expanded)
- XV. **Activated carbon derived from tea waste: A promising supporting material for metal nanoparticles used as catalysts in hydrolysis of ammonia borane**  
AKBAYRAK S., ÖZÇİFÇİ Z., TABAK A.  
BIOMASS & BIOENERGY, vol.138, 2020 (SCI-Expanded)
- XVI. **Novel phthalocyanines bearing 1,2,4 triazole substituents: Synthesis, characterization, photophysical and photochemical properties**  
DEMİRBAŞ Ü., ÖZÇİFÇİ Z., AKÇAY H. T., MENTESE E.  
POLYHEDRON, vol.181, 2020 (SCI-Expanded)
- XVII. **Noble metal nanoparticles supported on activated carbon: Highly recyclable catalysts in hydrogen generation from the hydrolysis of ammonia borane**  
AKBAYRAK S., ÖZÇİFÇİ Z., TABAK A.  
JOURNAL OF COLLOID AND INTERFACE SCIENCE, vol.546, pp.324-332, 2019 (SCI-Expanded)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Synthesis and Characterization of Cellulose Based Aerogel Composite Bio Polymer Material Isolated from Waste of Blueberry Tree Vaccinium Myrtillus-Sözlü Sunum**  
KAYA M., SUNGUR Ö., SEVİMLİ K., ÖZÇİFÇİ Z., TABAK A.  
28. ULUSAL KİMYA KONGRESİ-MERSİN-2016, Mersin, Turkey, 15 - 21 August 2016, vol.3, pp.1-11

## Supported Projects

Başaran B., Aytan Ü., Akçay H. T., Özçifçi Z., Project Supported by Higher Education Institutions, Türkiyede Satışa Sunulan Bazı Yenilebilir Yağlardaki Mikroplastiklerin Fıtalatların İncelenmesi ve Risk Değerlendirmesi, 2024 - 2026

AKÇAY H. T., ÖZÇİFÇİ Z., BARAN T., Project Supported by Higher Education Institutions, Sukroz temelli mikro gözenek yoğunluğu yüksek Pd0 katkılı karbon malzemenin katalitik performansının incelenmesi, 2023 - 2024

Demirbaş Ü., Akçay H. T., Özçifçi Z., Project Supported by Higher Education Institutions, Yeni Ftalosiyanınların Sentezi Karakterizasyonu ve Kanserin Fotodinamik Tedavisinde Kullanılabilme Potansiyellerinin İncelenmesi, 2021 - 2022

AKÇAY H. T., ÖZÇİFÇİ Z., YUMAK T., ÖZŞANLI M. A., Project Supported by Higher Education Institutions, Sukroz temelli mikro gözenekli aktif karbon eldesi ve prototip süperkapasitör olarak hazırlanması, 2020 - 2022

Karaoğlu K., Yılmaz İ., TUBITAK Project, Yakın-IR Bölgede Hipoklorit Tayin ve Tespitinde Kullanılabilecek Yeni Ksanten Türevlerinin Sentezi, 2018 - 2020

## Metrics

Publication: 18  
Citation (WoS): 230  
Citation (Scopus): 272  
H-Index (WoS): 7

H-Index (Scopus): 8