

Asst. Prof. Hakan ÖZDEN

Personal Information

Office Phone: [+90 212 455 5700](tel:+902124555700) Extension: 14280

Fax Phone: [+90 212 522 6562](tel:+902125226562)

Email: ozdenh@istanbul.edu.tr

Web: <http://aves.istanbul.edu.tr/ozdenh/>

Address: İ.Ü. Botanik Anabilim Dalı Süleymaniye İstanbul

International Researcher IDs

ORCID: 0000-0001-8693-9884

Publons / Web Of Science ResearcherID: AAC-7580-2020

Yoksis Researcher ID: 40361

Education Information

Doctorate, Istanbul University, Institute of Graduate Studies In Sciences, Biyoloji Bölümü Botanik Anabilim Dalı, Turkey
2003 - 2009

Postgraduate, Istanbul University, Institute of Graduate Studies In Sciences, Biyoloji Bölümü Botanik Anabilim Dalı,
Turkey 1998 - 2001

Undergraduate, Istanbul University, Faculty Of Science, Department of Biology, Turkey 1993 - 1997

Foreign Languages

English, B2 Upper Intermediate

German, B1 Intermediate

Certificates, Courses and Trainings

Education Management and Planning, TÜBİTAK-2237 Proje Hazırlama, Yazma ve Yürütme Eğitimi, TÜBİTAK, 2014
Vocational Course, Refresher Course, Trace Elements in the Environment: Contamination Cleanup to Phytoproducts,
TÜBİTAK, 2010

Education Management and Planning, Trace Elements in The Environment: Contamination Clean up to Phytoproducts,
Tübitak, 2010

Education Management and Planning, Bitki Moleküler Genetiğinde Son Teknikler, Tübitak, 2009

Education Management and Planning, Recombinat DNA Technology and Protein Expression, FESPB Advanced Course,
2008

Education Management and Planning, Tinçel Kültür Vakfı, İ.Ü. Hukuk Fakültesi Tinçel Kültür Vakfı, 2007

Education Management and Planning, Biomarkers of Oxidative Stress and Responses, International Free Radical Summer
School, 2006

Dissertations

Doctorate, Kuraklık Stresinin *Quercus vulcanica* (Kasnak Meşesi) ve *Quercus aucheri* (Boz Pırnal Meşesi)'nde
karşılaştırmalı olarak incelenmesi, Istanbul University, Institute of Graduate Studies In Sciences, Biyoloji Bölümü Botanik

Anabilim Dalı, 2009

Postgraduate, Ağır Metal Kirlenmesinin Bazı Yüksek Bitkilere Etkisi, Istanbul University, Institute of Graduate Studies In Sciences, Biyoloji Bölümü Botanik Anabilim Dalı, 2001

Research Areas

Life Sciences, Plant Biology, Plant Physiology, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Istanbul University, Faculty of Science, Department of Biology, 2018 - Continues

Research Assistant PhD, Istanbul University, Faculty of Science, Department of Biology, 2009 - 2018

Research Assistant, Istanbul University, Faculty of Science, Department of Biology, 1997 - 2009

Academic and Administrative Experience

Thesis Conformity Check, Istanbul University, Institute of Graduate Studies In Sciences, Fen Fakültesi Bölümü, 2018 - Continues

Courses

STRESSES IN PLANTS MECHANISMS, Undergraduate, 2024 - 2025

PHOTOSYNTHESIS AND ENVIRONMENT, Doctorate, 2024 - 2025

RECYCLING METHODS IN PLANT ECOSYSTEMS, Undergraduate, 2020 - 2021

HISTORY OF BIOLOGY, Undergraduate, 2020 - 2021

Molecular Ecology, Undergraduate, 2020 - 2021

General Ecology, Undergraduate, 2021 - 2022

NATURE PROTECTION, Undergraduate, 2018 - 2019

Plant Anatomy, Undergraduate, 2018 - 2019

ENVIRONMENTAL BIOLOGY RESEARCHES I, Undergraduate, 2018 - 2019

Advising Theses

Özden H., Effect of Contaminants on Some Cereal Crops, Postgraduate, L.Helmi(Student), Continues

Taught Courses And Trainings

Özden H., Trace Elements in The Environment:Contamination Cleanup to Phytoproducts, 2010 - 2010

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A preliminary survey of citrinin contamination in dried fruits, molasses and liquorice products in Turkey**
Oztas E., Ozden H., Ozhan G.
JOURNAL OF FOOD AND NUTRITION RESEARCH, vol.59, no.1, pp.81-86, 2020 (SCI-Expanded)
- II. **OCURENCE OF OCHRATOXIN A IN BOTANICAL PRODUCTS COMMERCIALIZED IN TURKEY**

- Ozden H., Ozden S.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.27, pp.3367-3374, 2018 (SCI-Expanded)
- III. **Abiotic stress effects on the antioxidative response profile of Albizia julibrissin Durazz. (Fabaceae)**
Baycu G., Rognes S. E., Ozden H., Goren-Saglam N., Csatari I., Szabo S.
BRAZILIAN JOURNAL OF BOTANY, vol.40, no.1, pp.21-32, 2017 (SCI-Expanded)
- IV. **An abandoned copper mining site in Cyprus and assessment of metal concentrations in plants and soil**
Baycu G., Tolunay D., Özden H., Csatari I., Karadag S., Agba T., Rognes S.
International Journal Of Phytoremediation, vol.17, no.7, pp.622-631, 2015 (SCI-Expanded)
- V. **Ecophysiological and seasonal variations in Cd, Pb, Zn, and Ni concentrations in the leaves of urban deciduous trees in Istanbul**
Baycu G., Tolunay D., Ozden H., Gunebakan S.
ENVIRONMENTAL POLLUTION, vol.143, no.3, pp.545-554, 2006 (SCI-Expanded)
- VI. **Cadmium exposure and changes in some physiological parameters of Quercus robur ssp. robur l. (common oak) and Acer negundo L. (box elder) seedlings**
Ozden H., Baycu G.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.13, pp.268-273, 2004 (SCI-Expanded)

Articles Published in Other Journals

- I. **Physiological, oxidative, and antioxidative responses of Quercus vulcanica Boiss. and Quercus aucheri Jaub. & Spach. under drought stress conditions**
Özden H.
Istanbul Journal of Pharmacy, vol.54, no.1, pp.69-79, 2024 (ESCI)
- II. **Assessment of toxic metals in commonly used herbs and spices in Turkey**
Özden H.
Istanbul Journal of Pharmacy, vol.51, no.3, pp.392-397, 2021 (ESCI)
- III. **Levels of Heavy Metals and Ochratoxin A in Medicinal Plants Commercialized in Turkey**
Ozden H., Ozden S.
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.15, no.3, pp.376-381, 2018 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **The effects of Perfluorooctanoic acid (PFOA) on edible vegetables germination and development**
Özden H.
57. Eurotox Kongresi Slovenya, Ljubljana, Slovenia, 9 - 14 September 2023, pp.1-5
- II. **Microplastic pollution in plant ecosystems**
Özden H.
11th INTERNATIONAL CONGRESS OF THE TURKISH SOCIETY OF TOXICOLOGY, Antalya, Turkey, 2 - 05 November 2022, pp.1-5
- III. **Assessment of heavy metals and ochratoxin a in botanical products**
Özden H.
10th International Congress of the Turkish Society of Toxicology, Antalya, Turkey, 16 - 19 October 2019, pp.1-5
- IV. **Contamination of Cadmium and Lead in Medicinal Herbs Commercialized in Turkey**
Özden H.
PLANT BIOLOGY EUROPE 2018, Kobenhavn, Denmark, 18 - 21 June 2018, pp.358
- V. **Heavy Metal Toxicity in Plants**
Özden H.
I. Uluslararası Bitki Biyolojisi Kongresi, Konya, Turkey, 10 - 12 May 2018, pp.1-5

- VI. **Levels of Heavy Metals and Ochratoxin A in Medicinal Plants Commercialized in Turkey**
Özden H.
10 th Congress of Toxicology in Developing Countries Belgrad-Serbia. IUTOX, Belgrade, Serbia, 17 - 22 April 2018, pp.1-5
- VII. **Occurrence of ochratoxin A and heavy metals in herbal tea samples commercialized in Turkey**
Özden H.
53. Congress of the European Societies of Toxicology, Bratislava, Slovakia, 10 - 13 September 2017, pp.1-5
- VIII. **Türkiye’de Satılan Bitkisel Ürünlerde Okratoksin A Seviyeleri**
ÖZDEN S., ÖZDEN H.
4. Ulusal Botanik Kongresi, Afyon, Turkey, 6 - 09 July 2017, pp.46
- IX. **Natural Occurrence of Ochratoxin A in Botanicals Commercialized In Turkey**
ÖZDEN S., ÖZDEN H.
Society of Toxicology 56th Annual Meeting and ToxExpo 2017, Baltimore, United States Of America, 12 March 2017, pp.1
- X. **How Does Drought Stress Effects Two Endemic Quercus Plants In Turkey**
Özden H.
Plant Biology Congress Freiburg 2012, Freiburg, Germany, 29 July - 03 August 2012, pp.1-5
- XI. **Differential responses of antioxidative systems and photosynthetic pigments in the leaves of Quercus aucheri under drought stress condition.**
ÖZDEN H., BAYÇU G.
FESPB Congress, Valencia, Spain, 1 - 04 July 2010, pp.66
- XII. **Differential responses of antioxidative systems and photosynthetic pigments in the leaves of Quercus vulcanica under drought stress condition. Toxicology Letters.**
ÖZDEN H., BAYÇU G.
46th Congress of the European Societies of Toxicology, Dresden, Germany, 1 - 04 September 2009, vol.189, no.1, pp.206-207
- XIII. **Differential responses of antioxidative systems and photosynthetic pigments in the leaves of Quercus vulcanica under drought stress condition**
Ozden H., Baycu G.
46th Congress of the European-Societies-of-Toxicology, Dresden, Germany, 13 - 16 September 2009, vol.189
- XIV. **Effects of Cd, Pb, chilling and drought treatments on activity of five antioxidant enzymes and free proline level in Albizzia leaves. Physiologia Plantarum.**
Bayçu G., Özden H., Sağlam N., Rognes S.
FESPB Congress, Tampere, Finland, 17 - 24 August 2008, vol.1, pp.133-134
- XV. **Copper mine waste and Cu, Fe, Ni, Pb accumulation in some plant species.**
BAYÇU G., BALKAN GÜRAN S., TOLUNAY D., ÖZDEN H.
XVII. International Botanical Congress, Vienna, Austria, 1 - 04 July 2005, pp.528-529
- XVI. **Ni, Pb, Zn concentrations, peroxidase activity and chlorophyll content of some trees in Istanbul(Turkey)**
ÖZDEN H., BAYÇU G., TOLUNAY D.
XVII. International Botanical Congress, Vienna., Austria, 1 - 04 July 2005, pp.527-528
- XVII. **Stress and Phytotoxic effects of cadmium on Quercus robur ssp. robur L. (Common oak) and Acer negundo L. (Box elder).**
ÖZDEN H., BAYÇU G.
5th International Congress of Turkish Society of Toxicology, Turkey, 1 - 04 September 2003, pp.129-130

Supported Projects

ÖZDEN H., Project Supported by Higher Education Institutions, Türkiyede Satılan Bitkisel Ürünlerde Okratoksin A Seviyeleri, 2017 - 2017

ÖZDEN H., Project Supported by Higher Education Institutions, How does drought stress effects two endemic Quercus plants in Turkey?, 2012 - 2012

ÖZDEN H., Project Supported by Higher Education Institutions, Differential responses of antioxidative systems and photosynthetic pigments in the leaves of Quercus vulcanica under drought stress condition, 2009 - 2009

Memberships / Tasks in Scientific Organizations

Türk Biyokimya Derneği, Member, 2009 - Continues

Federation of European Society of Plant Biology, Member, 2008 - Continues

Türk Toksikoloji Derneği, Member, 2007 - Continues

EUROTOX, Member, 2007 - Continues

Federation of European Biochemical Society (FEBS), Member, 2006 - Continues

Biyologlar Derneği, Member, 1995 - Continues

Scientific Refereeing

Frontiers in Life Sciences and Related Technologies (Online), Other Indexed Journal, May 2024

European Journal of Biology, Other Indexed Journal, April 2023

Istanbul Journal of Pharmacy, Journal Indexed in ESCI, February 2022

TURKISH JOURNAL OF BIOLOGY, Journal Indexed in SCI-E, July 2015

Scientific Consultations

Istanbul University Institute of Science and Technology, Other, Istanbul University, Faculty Of Science, Department of Biology, Turkey, 2020 - Continues

Metrics

Publication: 26

Citation (WoS): 148

Citation (Scopus): 165

H-Index (WoS): 4

H-Index (Scopus): 4

Congress and Symposium Activities

57th Eurotox Congress Slovenia, Attendee, Ljubljana, Slovenia, 2023

11th INTERNATIONAL CONGRESS OF THE TURKISH SOCIETY OF TOXICOLOGY, Attendee, Antalya, Turkey, 2022

10th International Congress of the Turkish Society of Toxicology, Antalya, Attendee, Antalya, Turkey, 2019

PLANT BIOLOGY EUROPE, Attendee, Kobenhavn, Denmark, 2018

I. Uluslararası Bitki Biyolojisi Kongresi, Attendee, Konya, Turkey, 2018

10 th Congress of Toxicology in Developing Countries Belgrad-Serbia. IUTOX, Attendee, Belgrade, Serbia, 2018

Eurotox 2017, Attendee, Bratislava, Slovakia, 2017

4. Ulusal Botanik Kongresi, Attendee, Afyon, Turkey, 2017

Plant Biology Congress Freiburg 2012; Freiburg - Almanya, Attendee, Freiburg, Germany, 2012

Pelkin Elmer marka Optima 7000 Dv cihazının çalışma prensipleri kullanımı ve uygulamaları, Attendee, İstanbul, Turkey, 2012

International Commet Assey Workshop (ICAW 2011), Attendee, Kuşadası, Turkey, 2011
Fıstık Çamı Ağaçlandırması, Attendee, Riva, Turkey, 2011
FESPB 2010, Attendee, Valencia, Spain, 2010
Eurotox 2009, Attendee, Dresden, Germany, 2009
Bitki Moleküler Genetiğinde Son Teknikler, Attendee, İstanbul, Turkey, 2009
Recombinant DNA Technology and Protein Expression, Attendee, Bükreş, Romania, 2008
XVI. Congress of the Federation of European Societies of Plant Biology, Attendee, Tampere, Finland, 2008
III. Euro-Asian Conferance on Hazardous Waste and Human Health, Attendee, İstanbul, Turkey, 2008
International Free Radical Summer School: Biomarkers of Oxidative Stress and Responses, Attendee, Spetses, Greece, 2006
IV. International Symposium of Pesticides in Food on the Environment in Mediterean Countries and MGPR Annual Meeting, Attendee, Kuşadası, Turkey, 2005
XVII. International Botanical Congress, Attendee, Viyena, Austria, 2005
19. European Workshop on Drud Metabolism DMW-2004, Attendee, Kemer-Antalya, Turkey, 2004
V. International Congress of Turkish Society of Toxicology, Attendee, Antalya, Turkey, 2003
VII. International Symposium on Pharmaceutical Sciences (ISOP-7), Attendee, Ankara, Turkey, 2003
Second Balcan Botanical Congress, Attendee, İstanbul, Turkey, 2000

Scholarships

Hızlandırılmış Yabancı Dil Bursu, Official Institutions of Foreign Countries, 2007 - 2007
Tevfik Tinçel Vakfı Bursu, University, 2006 - 2006

Awards

ÖZDEN H., Cadmium exposure and changes in some physiological parameters of Quercus robur and Acer negundo seedlings, Tübitak, March 2004

Non Academic Experience

İstanbul Üniversitesi Fen Fakültesi Biyoloji Bölümü Botanik Anabilim Dalı
İstanbul Üniversitesi Fen Fakültesi Biyoloji Bölümü Botanik Anabilim Dalı
İstanbul Üniversitesi Botanik Anabilim Dalı