Asst. Prof. HATİCE KARABODUK

Personal Information

Email: haticearikan@gazi.edu.tr
Web: https://avesis.gazi.edu.tr/haticearikan

International Researcher IDs
ORCID: 0000-0001-6752-7219
Publons / Web Of Science ResearcherID: AHE-5338-2022
Yoksis Researcher ID: 135052

Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Turkey 2012 - 2019
Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Turkey 2009 - 2011
Undergraduate, Gazi University, Fen Fakültesi, Biyoloji, Turkey 2005 - 2009

Certificates, Courses and Trainings

Vocational Course, Deney Hayvanları Uygulama ve Etik Kursu, Gazi Üniversitesi , 2015

Dissertations

Doctorate, Düşük doz kurşun nitrat ve cıva klorid'in rat karaciğer dokusu üzerine etkisi, Gazi University, Fen Bilimleri Enstitüsü, 2019
Postgraduate, Ratlarda civa kloridin kardiyotoksik etkisi üzerine sodyum selenit ve vitamin E'nin koruyucu rolü, Gazi University, Fen Bilimleri Enstitüsü, 2011

Research Areas

Natural Sciences

Academic Titles / Tasks

Assistant Professor, Gazi University, Fen Fakültesi, Biyoloji, 2023 - Continues
Lecturer, Gazi University, Fen Fakültesi, Biyoloji, 2021 - 2023
Lecturer, Gazi University, Rektörlük, Yaşam Bilimleri Uygulama ve Araştırma Merkezi, 2012 - 2021

Courses

Ağır Metaller ve Toksik Etkileri, Undergraduate, 2021 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Comparison of nickel oxide nano and microparticles toxicity in rat liver; molecular, biochemical and histopathological study**
Adıgüzel Ç., Karaboduk H., Apaydın F. G., Kalender S., Kalender Y.
TOXICOLOGY RESEARCH, vol.12, no.5, pp.741-750, 2023 (SCI-Expanded)

II. **The effects of lead nitrate and mercury chloride on rat liver tissue**
Karaboduk H., Kalender Y.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.30, pp.2368-2379, 2021 (SCI-Expanded)

III. **Protective Effects of Sodium Selenite and Vitamin E on Mercuric Chloride-Induced Cardiotoxicity in Male Rats**
Karaboduk H., Uzunhisarcıklı M., Kalender Y.
BRAZILIAN ARCHIVES OF BIOLOGY AND TECHNOLOGY, vol.58, no.2, pp.229-238, 2015 (SCI-Expanded)

IV. **CHEMICAL ANALYSIS AND ANTIMICROBIAL ACTIVITIES OF THE Origanum vulgare subsp hirtum**
Karaboduk K., Karabacak O., Karaboduk H., Tekinay T.
JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY, vol.15, no.3A, pp.1283-1292, 2014 (SCI-Expanded)

V. **COMPARISON OF ANTIMICROBIAL, ANTIOXIDANT CAPACITIES AND HPLC ANALYSIS OF THREE Stachys SPECIES IN TURKEY**
Karaboduk K., Karabacak O., Dogan S., Karaboduk H., Gunduzer E., Tekinay T.
JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY, vol.15, no.3A, pp.1293-1302, 2014 (SCI-Expanded)

Articles Published in Other Journals

I. **The effects of antioxidant enzyme systems in rat brain tissues of lead nitrate and mercury chloride**
Baş H., Kalender S., Karaboduk H., Apaydın F. G.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.28, no.2, pp.169-174, 2015 (Scopus)

Books & Book Chapters

I. **LABORATUVARDA KULLANILAN ÇÖZELTİLER (Asitler, Bazlar, Tamponlar ve pH)**
Karaboduk H.
in: BİYOLOJİK BİLİMLERDE ÇALIŞMA METODLARI, Prof. Dr. Yusuf KALENDER, Editor, Palme Yayın Dağıtım, Ankara, pp.49-78, 2021

Refereed Congress / Symposium Publications in Proceedings

I. **NİKEL OKSİT NANOPARTİKÜLLERİNİN RAT PANKREAS DOKUSUNDA NEDEN OLDUĞU OKSİDATİF STRES**
Karaboduk H., Adıgüzel Ç., Apaydın F. G., Kalender S., Kalender Y.
9th ANKARA INTERNATIONAL CONGRESS ON SCIENTIFIC RESEARCH, Ankara, Turkey, 26 - 29 December 2023, pp.1-2

II. **COMPARISON OF THE OXIDATIVE STRESS CAUSED BY DIFFERENT APPLICATIONS OF NICKEL OXIDE IN THE STOMACH OF RAT**
Adıgüzel Ç., Karaboduk H., Apaydın F. G., Kalender S., Kalender Y.
INTERNATIONAL EUROASIA Congress on Scientific Researches and Recent Trends 12, Ankara, Turkey, 29 - 30 November 2023, pp.1226-1228

III. **OXIDATIVE STRESS CAUSED BY ORAL, INTRAPERITONEAL ANDINTRAVENOUSLY ADMINISTERED NICKEL OXIDE NANOPARTICLES IN THERAT SPLEEN TISSUE**

Karaboduk H., Adıgüzel Ç., Apaydın F. G., Kalender S., Kalender Y.
2nd INTERNATIONAL PARIS CONGRESS ON APPLIED SCIENCES, Paris, France, 25 - 27 August 2023, pp.141-149

IV. **SUBACUTE EFFECT OF NICKEL OXIDE INDUCED OXIDATIVE STRESS IN RAT ERYTHROCYTES**
Adıgüzel Ç., Karaboduk H., Kalender S., Apaydın F. G., Kalender Y.
AZERBAIJAN INTERNATIONAL CONGRESS OF SCIENTIFIC RESEARCH, Saki, Azerbaijan, 16 - 17 August 2023, pp.214-225

V. **Lead nitrate and cadmium chloride induced rats thyroid pathology and effects of sesamol**
ADIGÜZEL Ç., KARABODUK H., APAYDIN F. G., KALENDER Y.
5th International Aegean Symposium on Natural & Medical Sciences, İzmir, Turkey, 25 February 2022

VI. **RATLARDA CİVA KLORİD İN KARDİYOTOKSİK ETKİSİ ÜZERİNE SODYUM SELENİT VE VİTAMİN E NİN KORUYUCU ROLÜ**
KARABODUK H., UZUNHİSARCIKLI M., KALENDER Y.
21. Ulusal Biyoloji Kongresi, Turkey, 3 - 07 September 2012

Supported Projects

APAYDIN F. G., KALENDER Y., KALENDER S., UZUNHİSARCIKLI M., ADIGÜZEL Ç., KARABODUK H., Project Supported by Higher Education Institutions, Sıçanlarda Fenamifosun Sebep Olduğu Karaciğer ve Böbrek Toksisitesi Üzerine Naringeninin Koruyucu Rolü, 2022 - Continues
Uzunhisarcıklı M., Kalender Y., Apaydın F. G., Adıgüzel Ç., Karaboduk H., Project Supported by Higher Education Institutions, Ratlarda Abamektin'in Sebep Olduğu Toksisite Üzerine Melatonin'in Koruyucu Rolü, 2022 - 2024
KALENDER Y., KARABODUK H., KALENDER S., ADIGÜZEL Ç., APAYDIN F. G., Project Supported by Higher Education Institutions, Nikel Oksit ve Nikel Oksit Nanopartiküllerinin Ratlarda Nefrotoksik ve Hepatotoksik Etkisi, 2021 - 2023
KARABODUK K., KARABODUK H., Project Supported by Higher Education Institutions, Amaranth'ın farklı elektrot yüzeylerinde elektrokimyasal davranışının incelenmesi ve voltametrik tayini, 2020 - 2022
Karaboduk H., Gündüzer E., Karaboduk K., Project Supported by Higher Education Institutions, Kurşun Analizi İçin DNAzim Temelli Biyosensör Geliştirilmesi, 2018 - 2020

Metrics

Publication: 15
Citation (WoS): 27
Citation (Scopus): 31
H-Index (WoS): 3
H-Index (Scopus): 3