

Asst. Prof. HATİCE KARABODUK

Personal Information

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International Researcher IDs

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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 cıva 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. **Biochemical, Immunohistochemical, Histopathological, and Apoptotic Evaluation of Nickel Oxide Nanoparticle- and Microparticle-Induced Testicular Toxicity in Male Rats**
Adıgüzel Ç., Karaboduk H.
ACS OMEGA, vol.0, no.0, 2024 (SCI-Expanded)
- II. **Rapid and simple electrochemical approximation for the determination of the food additive amaranth using voltammetric sensor**
KARABODUK K., KARABODUK H.
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, 2024 (SCI-Expanded)
- III. **Investigating the impact of different routes of nano and micro nickel oxide administration on rat kidney architecture, apoptosis markers, oxidative stress, and histopathology**
Karaboduk H., Adıgüzel Ç., Apaydın F. G., Kalender S., Kalender Y.
Journal of Molecular Histology, vol.55, no.5, pp.675-686, 2024 (SCI-Expanded)
- IV. **Protective Role of Melatonin Against Abamectin-Induced Biochemical, Immunohistochemical, and Ultrastructural Alterations in the Testicular Tissues of Rats**
Adıgüzel Ç., Karaboduk H., Uzunhisarcıklı M.
MICROSCOPY AND MICROANALYSIS, vol.30, no.5, pp.962-977, 2024 (SCI-Expanded)
- V. **The ameliorative effect of Naringenin on fenamiphos induced hepatotoxicity and nephrotoxicity in a rat model: Oxidative stress, inflammatory markers, biochemical, histopathological, immunohistochemical and electron microscopy study**
Karaboduk H., Adıgüzel Ç., Apaydın F. G., Uzunhisarcıklı M., Kalender S., Kalender Y.
FOOD AND CHEMICAL TOXICOLOGY, vol.192, pp.1-13, 2024 (SCI-Expanded)
- VI. **Comparison of nickel oxide nano and microparticles toxicity in rat liver: molecular, biochemical, and histopathological study**
ADIGÜZEL Ç., KARABODUK H., APAYDIN F. G., KALENDER S., KALENDER Y.
TOXICOLOGY RESEARCH, vol.12, no.5, pp.741-750, 2023 (SCI-Expanded)
- VII. **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)
- VIII. **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)
- IX. **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)
- X. **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. **Protective Role of Naringenin on Oxidative Stress Caused by Fenamiphos in Rat Blood and Spleen Tissue**
KARABODUK H., ADIGÜZEL Ç., APAYDIN F. G., KALENDER S., UZUNHİSARCIKLI M., KALENDER Y.
İğdir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.14, no.2, pp.625-635, 2024 (Peer-Reviewed Journal)
- II. **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.

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. **ABAMECTIN-INDUCED PANCREATIC TOXICITY IN RATS AND THE EFFECTS OF MELATONIN**
Adıgüzel Ç., Karaboduk H., Uzunhisarcıklı M., Apaydın F. G., Kalender Y.
VIII. INTERNATIONAL HALICH CONGRESS ON MULTIDISCIPLINARY SCIENTIFIC RESEARCH, İstanbul, Turkey, 3 - 05
December 2024, pp.78-79
- II. **ABAMECTIN-INDUCED OXIDATIVE STRESS IN STOMACH OF RATS AND THE PROTECTIVE ROLE OF MELATONIN**
Karaboduk H., Adıgüzel Ç., Uzunhisarcıklı M., Apaydın F. G., Kalender Y.
UMTEB-XVI-International Scientific Research Congress,, Adana, Turkey, 6 - 08 December 2024, pp.51-52
- III. **NİKEL OKSİT NANOPARTİKÜLLERİNİN RAT PANKREAS DOKUSUNDA NEDEN OLDUĞU OKSİDATİF STRES**
Karaboduk H., Adıgüzel Ç., Apaydın F. G., Kalender S., Kalender Y.
ANKARA INTERNATIONAL CONGRESS ON SCIENTIFIC RESEARCH, Ankara, Turkey, 26 - 29 December 2023,
pp.903-904
- IV. **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
- V. **OXIDATIVE STRESS CAUSED BY ORAL, INTRAPERITONEAL AND INTRAVENOUSLY ADMINISTERED NICKEL OXIDE NANOPARTICLES IN THE RAT 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
- VI. **SUBACUTE EFFECT OF NICKEL OXIDE INDUCED OXIDATIVE STRESS IN RAT ERYTHROCYTES**
Adıgüzel Ç., Karaboduk H., Apaydın F. G., Kalender S., Kalender Y.
Azerbaijan International Congress of Scientific Research, Baku, Azerbaijan, 16 - 17 August 2023, pp.214-225
- VII. **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
- VIII. **RATLARDA CİVA KLORİD İN KARDİYOTOKSİK ETKİSİ ÜZERİNE SODYUM SELENİT VE VİTAMİN E NİN KORUYUCU ROLÜ**
KARABODUK H., UZUNHİSARCIKLİ M., KALENDER Y.
21. Ulusal Biyoloji Kongresi, Turkey, 3 - 07 September 2012

Supported Projects

KARABODUK H., YAVUZ E., Project Supported by Higher Education Institutions, Ratlarda Kadmiyumun Sebep Olduğu Nefrotoksisite Üzerine Berberinin Koruyucu Rolü, 2024 - Continues

APAYDIN F. G., ADIGÜZEL Ç., KALENDER Y., KARABODUK H., UZUNHİSARCIKLI M., Project Supported by Higher Education Institutions, Sıçanlarda Polistiren Nanoplastiğinin Sebep Olduğu Toksikite Üzerine Elajik Asitin Koruyucu Etkisi, 2024 - Continues

KALENDER Y., APAYDIN F. G., ADIGÜZEL Ç., KARABODUK H., Project Supported by Higher Education Institutions, Sıçanlarda Paladyum Klorürün Sebep Olduğu Toksikite Üzerine Kuersetinin Koruyucu Rolü, 2023 - Continues

APAYDIN F. G., KALENDER Y., KARABODUK H., ADIGÜZEL Ç., Project Supported by Higher Education Institutions, Sıçanlarda İmidaklopridin Sebep Olduğu Toksikite Üzerine Resveratrol ve Berberinin Koruyucu Rolü, 2023 - Continues

Uzunhisarcıklı M., Kalender Y., Apaydın F. G., Adıgüzel Ç., Karaboduk H., Project Supported by Higher Education Institutions, Ratlarda Bisfenol A ve Di 2Etilhekzil Ftalatın Sebep Olduğu Subakut Toksikite Üzerine Krisinin Koruyucu Rolü, 2024 - 2026

Uzunhisarcıklı M., Kalender Y., Apaydın F. G., Adıgüzel Ç., Karaboduk H., Project Supported by Higher Education Institutions, Ratlarda Abamektin'in Sebep Olduğu Toksikite Üzerine Melatonin'in Koruyucu Rolü, 2022 - 2024

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 Toksikitesi Üzerine Naringenin'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: 24

Citation (WoS): 33

Citation (Scopus): 39

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