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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AID-4367-2022

Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Turkey 2016 - 2020

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Turkey 2011 - 2014

Undergraduate, Gazi University, Fen Fakültesi, Turkey 2006 - 2010

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, Ratlarda bendiocarb'ın sebep olduğu nefrotoksisite üzerine vitamin C ve E'nin koruyucu rolü, Gazi University, Fen Bilimleri Enstitüsü, 2020

Postgraduate, Diyabetli ve diyabetsiz ratlarda kurşun nitrat'ın ince bağırsak üzerine histopatolojik etkisi ve sodyum selenit'in koruyucu rolü, Gazi University, Fen Bilimleri Enstitüsü, 2014

Research Areas

Natural Sciences

Academic Titles / Tasks

Assistant Professor, Gazi University, Fen Fakültesi, Biyoloji, 2023 - Continues

Lecturer PhD, Gazi University, Fen Fakültesi, Biyoloji, 2021 - Continues

Courses

ARAŞTIRMA PROJESİ II, Undergraduate, 2023 - 2024

ÖZEL HİSTOLOJİ, Undergraduate, 2023 - 2024

NANOTOKSİKOLOJİ, Postgraduate, 2024 - 2025

HİSTOPATOLOJİ, Undergraduate, 2024 - 2025

İŞ SAĞLIĞI VE GÜVENLİĞİ II, Undergraduate, 2023 - 2024
ARAŞTIRMA PROJESİ I, Undergraduate, 2024 - 2025
HİSTOKİMYASAL BOYAMA TEKNİKLERİ, Undergraduate, 2024 - 2025
İŞ SAĞLIĞI VE GÜVENLİĞİ I, Undergraduate, 2023 - 2024
GENEL BİYOLOJİ LAB.-I, Undergraduate, 2023 - 2024
GENEL BİYOLOJİ I, Undergraduate, 2023 - 2024

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. **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)
- III. **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)
- IV. **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)
- V. **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)
- VI. **Bendiocarb-induced nephrotoxicity in rats and the protective role of vitamins C and E**
Adiguzel Ç., KALENDER Y.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.27, no.6, pp.6449-6458, 2020 (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.
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.14, no.2, pp.625-635, 2024 (Peer-Reviewed Journal)
- II. **Dimethoate-induced oxidative stress and DNA damage in rat blood cells: preventive effects of ferulic acid**
Baş H., Apaydın F. G., Kalender S., Aydoğdu G., Adıgüzel Ç., Taştan H., Kalender Y.
TURK HIJYEN VE DENEYSEL BIYOLOJİ DERGISI. TURKISH BULLETIN OF HYGIENE AND EXPERIMENTAL BIOLOGY, vol.79, no.2, pp.243-254, 2022 (Scopus)
- III. **Histopathological Effect of Bendiocarb on Small Intestine Tissues of Rats: Role of Vitamins C and E**
APAYDIN F. G., Bas H., KALENDER S., Adiguzel Ç., KALENDER Y.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.32, no.2, pp.402-407, 2019 (ESCI)
- IV. **Lead nitrate induced toxic effects on small intestine tissues in diabetic and non-diabetic rats: Role of**

sodium selenite

ADIGÜZEL Ç., KALENDER Y.

Gazi University Journal of Science, vol.28, no.4, pp.541-544, 2015 (Scopus)

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. **The protective role of gallic acid on fenitrothion induced epididymal toxicity in rats**
ADIGÜZEL Ç., APAYDIN F. G.
4th International Eurasian Conference on Biological and Chemical Sciences, 24 November 2021
- IX. **Fenitrothion'un sıçan kanında meydana getirdiği oksidatif stres üzerine gallik asidin koruyucu rolü.**
Adıgüzel Ç., Apaydın F. G., Kalender Y.
Başkent 3. Ulusal Disiplinler Arası Bilimsel Çalışmalar Kongresi, Ankara, Turkey, 14 - 15 March 2021

Supported Projects

ADIGÜZEL Ç., Barsbek ÖLÇEKÇİ O., Project Supported by Higher Education Institutions, Ratlarda Nikel Oksitin Sebep Olduğu Nefrotoksisite Üzerine Resveratrolün Koruyucu Etkisi, 2024 - Continues

APAYDIN F. G., ADIGÜZEL Ç., KALENDER Y., KARABODUK H., UZUNHİSARCIKLI M., Project Supported by Higher Education Institutions, Sıçanlarda Polistiren Nanoplastiğinin Sebep Olduğu Toksisite 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 2Etilheksil 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., UZUNHİSARCIKLİ 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., Apaydın F. G., Adıgüzel Ç., Project Supported by Higher Education Institutions, Ratlarda kadmiyum klorürün
oluşturduğu toksisiteye karşı propolis'in koruyucu rolü, 2022 - 2023

Metrics

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