



Asst. Prof. Samet TEKİN

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AHH-9196-2022

ScopusID: 57525934200

Yoksis Researcher ID: 302263

Education Information

2017 - 2023	Doctorate, Ataturk University, Veteriner Fakültesi, Turkey
2012 - 2017	Undergraduate, Ataturk University, Veteriner Fakültesi, Turkey

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

2023	Çalışanların Temel İş Sağlığı ve Güvenliği Eğitimi, Occupational Health and Safety, Atatürk Üniversitesi
2019	Deney Hayvanları Kullanım Sertifikası, Vocational Course, Atatürk Üniversitesi
2017	Siğirlerde Recto-Vaginal Metotla Suni Tohumlama, Vocational Training, Atatürk Üniversitesi

Dissertations

2023	Ratlarda Bisfenol A ile Oluşturulan Testiküler Toksikasyon Üzerine Hesperidinin Etkisinin Araştırılması, Ataturk University, Veteriner Fakültesi, Doctorate
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Research Areas

Veterinary Physiology

Academic Titles / Tasks

2023 - Continues	Assistant Professor, Ataturk University, Veteriner Fakültesi, Veteriner Hekimliği Temel Bilimleri
2019 - 2023	Research Assistant, Ataturk University, Veteriner Fakültesi, Veteriner Hekimliği Temel Bilimleri

Courses

2023 - 2024	Medikal Fizik, Undergraduate
2023 - 2024	Mezuniyet Tezi, Undergraduate
2023 - 2024	Fizyoloji I A, Undergraduate
2023 - 2024	Fizyoloji I B, Undergraduate
2023 - 2024	Hayvan Davranışları, Undergraduate

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Mitigation of Acute Hepatotoxicity Induced by Cadmium Through Morin: Modulation of Oxidative and Pro-apoptotic Endoplasmic Reticulum Stress and Inflammatory Responses in Rats**
Sengul E., Yildirim S., Cinar İ., Tekin S., Dag Y., Bolat M., Gok M., Warda M. A. A.
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.202, no.11, pp.5106-5117, 2024 (SCI-Expanded)
- II. **Molecular insights into the antioxidative and anti-inflammatory effects of P-coumaric acid against bisphenol A-induced testicular injury: In vivo and in silico studies**
Tekin S., Sengul E., Yildirim S., Aksu E. H., Bolat İ., Çınar B., Shadidizaji A., Çelebi F., Warda M. A. A.
Reproductive Toxicology, vol.125, 2024 (SCI-Expanded)
- III. **Selenium reduces acrylamide-induced testicular toxicity in rats by regulating HSD17B1, StAR, and CYP17A1 expression, oxidative stress, inflammation, apoptosis, autophagy, and DNA damage**
Yıldırım S., Şengül E., Aksu E. H., Cinar İ., Gelen V., Tekin S., Dag Y.
ENVIRONMENTAL TOXICOLOGY, vol.39, no.3, pp.1402-1414, 2024 (SCI-Expanded)
- IV. **A neuroscience-based approach to the assessment of sexual behavior in animals**
TEKİN S., AKGÜN E. E., ÖMÜR A. D.
FRONTIERS IN VETERINARY SCIENCE, vol.10, 2023 (SCI-Expanded)
- V. **Investigation of the effect of hesperidin on some reproductive parameters in testicular toxicity induced by Bisphenol A**
Tekin S., Çelebi F.
ANDROLOGIA, vol.54, no.10, 2022 (SCI-Expanded)
- VI. **Determination of the Protective Effects of Hesperidin and Curcumin on the Inhibition Effect of 5-Fluorouracil in Mouse Kidney Carbonic Anhydrase Enzyme**
Şentürk E., Gelen V., Şengül E., Şentürk M., Yıldırım S., Tekin S.
ACTA PHYSIOLOGICA, vol.234, pp.68, 2022 (SCI-Expanded)
- VII. **The protective effects of hesperidin and curcumin on 5-fluorouracil-induced nephrotoxicity in mice**
Gelen V., Şengül E., Yıldırım S., Şentürk E., Tekin S., Kükürt A.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.28, no.34, pp.47046-47055, 2021 (SCI-Expanded)
- VIII. **The Effects of Selenium in Acrylamide-Induced Nephrotoxicity in Rats: Roles of Oxidative Stress, Inflammation, Apoptosis, and DNA Damage**
Şengül E., Gelen V., Yıldırım S., Tekin S., Dag Y.
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.199, no.1, pp.173-184, 2021 (SCI-Expanded)

Articles Published in Other Journals

- I. **Elucidating the Molecular Mechanism by Which Gallic Acid Alleviates Oxidative Stress and Inflammatory Response of Acrylamide-Induced Renal Injury in a Rat Model Bir Rat Modelinde Gallik Asidin Oksidatif Stresi ve Akrilamid Kaynaklı Böbrek Hasarının İnflamatuar Yanıtını Hafiflettiği Moleküler Mekanizmanın Aydınlatılması**
TEKİN S., Dağ Y., BOLAT M., ŞENGÜL E., WARD A. M. A.
Veterinary Sciences and Practices, vol.19, no.2, pp.78-84, 2024 (Scopus)
- II. **Sıçanlarda 5-Florourasil ile İndüklenen Nefrotoksisitede Rutin'in Etkileri**
Tekin S., Çelebi F.

Atatürk Üniversitesi Veteriner Bilimleri Dergisi, vol.16, no.3, pp.243-250, 2021 (Scopus)

III. **Ratlarda Bisphenol A ile İndüklenen Nefrotoksisitede Kidney İnjury Molecule -1 Üzerine p-Kumarik Asitin Etkileri**

Tekin S., Dağ Y., Bolat M., Şengül E.

Laboratuvar Hayvanları Bilimi ve Uygulamaları Dergisi- Atatürk Üniversitesi, vol.1, no.1, pp.1-7, 2021 (Peer-Reviewed Journal)

IV. **Investigation of protective effects of naringin on ECG, cardiac enzymes, cardiac histopathology and 8-OHdG expression in cyclophosphamide-induced cardiotoxicity in rats Sıçanlarda Siklofosfamid ile İndüklenen Kardiyotoksisitede EKG, Kardiyak Enzimler, Kardiyak Histopatoloji ve 8-OHdG Ekspresyonu Üzerine Naringin'in Protektif Etkilerinin Araştırılması**

Kolikipinar Y., Dağ Y., Tekin S., Yıldırım S., Durukan Azman P., Atasever A., Bolat M., Lacin B. B., Gok M., Erol Polat Ö., et al.

Ataturk Üniversitesi Veteriner Bilimleri Dergisi, vol.16, no.2, pp.196-203, 2021 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **Effects of Gallic Acid on Nrf-2 and HO-1 Levels on ACR-Induced Kidney Damage in Rats**
Şengül E., Tekin S.
7th INTERNATIONAL CUKUROVA AGRICULTURE AND VETERINARY CONGRESS, Adana, Turkey, 9 - 10 March 2024, pp.976-983
- II. **Effects of Melatonin on Inflammatory Mediators iNOS, COX-2, and PGE2 in Testicular Toxicity Induced by Acrylamide in Rats**
Şengül E., Bolat M., Tekin S.
4 TH INTERNATIONAL CONGRESS ON ENGINEERING AND LIFE SCIENCE "Life in the Grip of Pandemic and War: Agriculture and Nature", Comrat, Moldova, 17 - 19 November 2023, pp.241-247
- III. **HYPOTHYROIDISM AND LEPTIN RESISTANCE**
Tekin S., Çelebi F., Çınar D., Şengül E.
ATAVET 1. International (2. International Participants) Student Congress, Erzurum, Turkey, 04 December 2019, pp.286-292

Supported Projects

2020 - 2023	Ratlarda Bisfenol A ile Oluşturulan Testiküler Toksikasyon Üzerine Hesperidinin Etkisinin Araştırılması, Project Supported by Higher Education Institutions
2020 - 2022	Ratlarda Kadmiyum ile İndüklenen Hepatotoksisite Modelinde Oksidatif Stres İnflamasyon ve Endoplazmik Retikulum Stresi Aracılı Apoptozis Üzerine Morinin Etkileri, Project Supported by Higher Education Institutions
2020 - 2021	Ratlarda Akriamid ile İndüklenen Testis Toksikasyonunda Bazı Reprodüktif Parametreler Üzerine Selenyumun Etkileri, Project Supported by Higher Education Institutions
2019 - 2020	Ratlarda Akriamid ile İndüklenen Nefrotoksisitede Selenyumun Etkileri Oksidatif Stres İnflamasyon Apoptozis ve DNA Hasarının Rollerini, Project Supported by Higher Education Institutions
2018 - 2020	The Effects of Selenium in Acrylamide-Induced Nephrotoxicity in Rats: Roles of Oxidative Stress, Inflammation, Apoptosis, and DNA Damage, Project Supported by Higher Education Institutions

Metrics

Publication: 15

Citation (WoS): 59

Citation (Scopus): 71

H-Index (WoS): 2

H-Index (Scopus): 2

Congress and Symposium Activities

2024	7. INTERNATIONAL CUKUROVA AGRICULTURE AND VETERINARY CONGRESS, Attendee, Siirt, Turkey
2021	Atavet II. Uluslararası Öğrenci Kongresi, Working Group, Erzurum, Turkey
2020	Transplantasyon İmmünolojisi ve Genetiği Dergisi I. Doğu Anadolu Bölge Toplantısı, Audience, Erzurum, Turkey
2019	1. Atavet Uluslararası Öğrenci Kongresi, Audience, Erzurum, Turkey
2016	XV. Ulusal Veteriner Cerrahi Kongresi, Audience, Erzurum, Turkey
2016	XV. Ulusal Veteriner Cerrahi Kongresi, Audience, Erzurum, Turkey