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International Researcher IDs

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Education Information

Doctorate, Firat University, Faculty Of Veterinary Medicine, Department Of Clinical Sciences, Turkey 2015 - 2020

Postgraduate, Firat University, Faculty Of Veterinary Medicine, Department Of Clinical Sciences, Turkey 2013 - 2014

Undergraduate, Harran University, Faculty Of Veterinary Medicine, Veteriner, Turkey 2006 - 2011

Foreign Languages

English, B1 Intermediate

Research Areas

Clinical Sciences, Veterinary Reproduction and Artificial Insemination

Academic Titles / Tasks

Lecturer, Kahramanmaraş İstiklal University, 2012 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Naringin protects against paclitaxel-induced toxicity in rat testicular tissues by regulating genes in pro-inflammatory cytokines, oxidative stress, apoptosis, and JNK/MAPK signaling pathways**
Kankilic N. A., KÜÇÜKLER S., GÜR C., AKARSU S. A., Akaras N., Simsek H., İLERİTÜRK M., Kandemir F. M.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.38, no.7, 2024 (SCI-Expanded)
- II. **Dietary composition influences sperm quality and testis damage via endoplasmic reticulum stress in lambs**
Imik A., Eren M., Can M. B., ÖZKANLAR S., ÖMÜR A. D., Aydın M. A., Sunar S., AKARSU S. A.
VETERINARY MEDICINE AND SCIENCE, vol.10, no.4, 2024 (SCI-Expanded)
- III. **Effects of zingerone on rat induced testicular toxicity by sodium arsenite via oxidative stress, endoplasmic reticulum stress, inflammation, apoptosis, and autophagy pathways**
Tuncer S. Ç., GÜR C., KÜÇÜKLER S., AKARSU S. A., Kandemir F. M.
Iranian Journal of Basic Medical Sciences, vol.27, no.5, pp.603-610, 2024 (SCI-Expanded)
- IV. **Effect of dressing with different antiseptic agents on reproductive parameters in rats undergoing**

abdominal incision

Akarsu G., ERBAŞ E., AKARSU S. A.

Polish journal of veterinary sciences, vol.27, no.1, pp.35-42, 2024 (SCI-Expanded)

- V. **Protective effects of naringin on colistin-induced damage in rat testicular tissue: Modulating the levels of Nrf-2/HO-1, AKT-2/FOXO1A, Bax/Bcl2/Caspase-3, and Beclin-1/LC3A/LC3B signaling pathways**
Kankılıç N. A., Şimşek H., Akaras N., GÜR C., İLERİTÜRK M., KÜÇÜKLER S., AKARSU S. A., Kandemir F. M.
Journal of Biochemical and Molecular Toxicology, vol.38, no.2, 2024 (SCI-Expanded)
- VI. **Silver Nanoparticles Loaded with Oleuropein Reduce Doxorubicin-Induced Testicular Damage by Regulating Endoplasmic Reticulum Stress, and Apoptosis**
Erbaş E., Gelen V., Kara H., Gedikli S., Yeşiladağ A., Özkanlar S., Akarsu S. A.
BIOLOGICAL TRACE ELEMENT RESEARCH, 2024 (SCI-Expanded)
- VII. **Effect of syringic acid on oxidative stress, autophagy, apoptosis, inflammation pathways against testicular damage induced by lead acetate.**
AKARSU S. A., GÜR C., İLERİTÜRK M., Akaras N., KÜÇÜKLER S., Kandemir F. M.
Journal of Trace Elements in Medicine and Biology, vol.80, 2023 (SCI-Expanded)
- VIII. **DETERMINATION OF THE CRYOPROTECTIVE EFFECT OF N-METHYLACETAMIDE IN RABBIT SEMEN**
AKARSU S. A., Gungor I. H., Acisu T. C., Cakir A., Guler E., Koca R. H., Yilmaz I., SÖNMEZ M., GÜR S., TÜRK G., et al.
CRYOLETTERS, vol.44, no.6, pp.378-384, 2023 (SCI-Expanded)
- IX. **Effects of sinapic acid on lead acetate-induced oxidative stress, apoptosis and inflammation in testicular tissue**
Tuncer S. Ç., Akarsu S. A., Küçükler S., Gür C., Kandemir F. M.
ENVIRONMENTAL TOXICOLOGY, vol.38, no.11, pp.2656-2667, 2023 (SCI-Expanded)
- X. **Carvacrol reduces abnormal and dead sperm counts by attenuating sodium arsenite-induced oxidative stress, inflammation, apoptosis, and autophagy in the testicular tissues of rats**
GÜR C., AKARSU S. A., AKARAS N., TUNCER S. Ç., Kandemir F. M.
ENVIRONMENTAL TOXICOLOGY, vol.38, no.6, pp.1265-1276, 2023 (SCI-Expanded)
- XI. **The effect of luteolin on spermatological parameters, apoptosis, oxidative stress rate in freezing rabbit semen**
AKARSU S. A., Acisu T., Gungör I., Çakır Cihangiroğlu A., Koca R., Türk G., Sönmez M., Gür S., Fırat F., Esmer Duruel H.
Polish journal of veterinary sciences, vol.26, no.1, pp.91-98, 2023 (SCI-Expanded)
- XII. **Investigation of the subchronic effects of low-dose pesticide mixture on rat testes**
ÖMÜR A. D., Sevim C., SAĞLAM Y. S., BOLAT İ., GENÇ S., YENİ Y., Aydın M. A., Sunar S., Kocak G., AKARSU S. A.
JAPANESE JOURNAL OF VETERINARY RESEARCH, vol.15, no.3, pp.82-94, 2023 (SCI-Expanded)
- XIII. **Effect of sulforaphane on long-term storage of rabbit semen**
AKARSU S. A., Gungor I. H., Cihangiroglu A. C., Acisu T. C., Koca R. H., Turk G., Sonmez M., Gur S.
ANIMAL REPRODUCTION, vol.20, no.2, 2023 (SCI-Expanded)
- XIV. **Effect of Hydrated Carbon 60 Fullerene on Frozen Ram Semen Quality**
Gungor I. H., Cinkara S. D., Acisu T. C., Arkali G., Koca R. H., Akarsu S. A., Can C., Kaya S. O., Kizil M., Cakir A., et al.
BIOPRESERVATION AND BIOBANKING, vol.20, no.4, pp.340-347, 2022 (SCI-Expanded)
- XV. **Changes in heavy metal levels, reproductive characteristics, oxidative stress markers and testicular apoptosis in rams raised around thermal power plant**
Akarsu S. A., Turk G., Arkali G., Ceribasi A. O., Yuca A.
THERIOGENOLOGY, vol.179, pp.211-222, 2022 (SCI-Expanded)
- XVI. **Effect of different doses of hydrated C-60 fullerene nanoparticles on ram semen during cool storage**
Kaya S. O., Gungor I. H., Cinkara S. D., Acisu T. C., Koca R. H., AKARSU S. A., Can C., Cakir A., Yilmaz I., Halici M. S., et al.
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.45, no.1, pp.139-147, 2021 (SCI-Expanded)
- XVII. **Negative effect of feeding with high energy diets on testes and metabolic blood parameters of male Japanese quails, and positive role of milk thistle seed**
Ceribasi S., Turk G., Ozcelik M., Dogan G., Ceribasi A. O., Mutlu S. I., Erisir Z., Guvenc M., Gungoren G., Acisu T. C., et al.
THERIOGENOLOGY, vol.144, pp.74-81, 2020 (SCI-Expanded)

XVIII. RADIOACTIVITY, HEAVY METAL AND OXIDATIVE STRESS MEASUREMENTS IN THE FOLLICULAR FLUIDS OF CATTLE BRED NEAR A COAL-FIRED POWER PLANT

Akarsu S. A., Yilmaz M., Niksarlioglu S., Kulahci F., Risvanli A.

JOURNAL OF ANIMAL AND PLANT SCIENCES, vol.27, no.2, pp.373-378, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **Helichrysum Plicatum DC Subsp Plicatum Etanol Ekstraktının Sıçanlarda Talyum Sülfatın Neden Olduğu Testis Toksisitesi Üzerine Etkilerinin Belirlenmesi**
ÖMÜR A. D., APAYDIN YILDIRIM B., KÜÇÜKLER S., MOKHTARE B., KARATAŞ Ö., ÖZKARACA M., AKARSU S. A.
Van Sağlık Bilimleri Dergisi, 2024 (Peer-Reviewed Journal)
- II. **Effects of Vitis vinifera L. cv. "Merlot" Seed Extract Against Thallium (I) Sulfate-Induced Reproductive Damage in Male Rats**
ÖMÜR A. D., APAYDIN YILDIRIM B., MOKHTARE B., KÜÇÜKLER S., MENDİL A. S., GEZER A., AKARSU S. A.
Ataturk Üniversitesi Veteriner Bilimleri Dergisi, vol.18, no.3, pp.90-94, 2023 (Scopus)
- III. **Sıçanlarda Valproik Asite Bağlı Testis Hasarına Rutin Etkisinin Araştırılması**
AKARSU S. A., KANKILIÇ N. A., ERDOĞAN E.
Kocatepe Veterinary Journal, vol.16, no.3, pp.260-268, 2023 (Peer-Reviewed Journal)
- IV. **Effects of thymoquinone against D- galactose and aluminum chloride induced testicular dysfunction in rats.**
AKARSU S. A., AKARSU G. D., ÇETİN A.
Türk Doğa ve Fen Dergisi, vol.12, no.3, pp.99-104, 2023 (Peer-Reviewed Journal)
- V. **The effects of ethanol extract of Punica granatum L. peel on the testis damage induced by diabetes in rats**
Ömür A. D., Apaydın Yıldırım B., Yıldırım S., Akarsu S. A.
Mehmet Akif Ersoy Üniversitesi Veteriner Fakültesi Dergisi, vol.8, no.1, pp.1-7, 2023 (Peer-Reviewed Journal)
- VI. **Semen Collection, Processing and Storage in Rabbits.**
Ömür A. D., Akarsu S. A.
Journal of Laboratory Animal Science and Practice, vol.2, no.2, pp.105-110, 2022 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **GÖKKUŞAĞI ALABALIĞI SPERMASININ KRİYOPRESERVASYONU VE EMBRİYO ORANINA ETKİSİ;CRYOPRESERVATION OF RAINBOW TROUT SPERM AND ITS EFFECT ONEMBRYO RATE**
Karasu S. A., Kocaman E. M., Ömür A. D., Özcan S., Kamer B.
5 th INTERNATIONAL CUKUROVA AGRICULTURE AND VETERINARY CONGRESS, Adana, Turkey, 21 - 23 July 2023, pp.126-127
- II. **A basic approach in terms of its effects on male fertility/ infertility status and sperm quality**
ÖMÜR A. D., AKARSU S. A., AYYILDIZ B., ÇELEBİ D., Aydın M. A.
ULUSLARARASI KATILIMLI MİKROBİYOM TERAPİLERİ KONGRESİ, Antalya, Turkey, 17 March 2022

Metrics

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