

Asst. Prof. Sefa KÜÇÜKLER

Personal Information

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Education Information

Doctorate, Atatürk Üniversitesi, Sağlık Bilimleri Enstitüsü, Veterinerlik Biyokimyası, Turkey 2015 - 2018

Undergraduate, Van Yüzüncü Yıl Üniversitesi, Veteriner Fakültesi, Turkey 2009 - 2014

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Ratlarda İndometazin İle Oluşturulan Mide Ülseri Üzerine Chrysin'in Etkilerinin Araştırılması, Atatürk Üniversitesi, Sağlık Bilimleri Enstitüsü, Veterinerlik Biyokimyası, 2017

Research Areas

Health Sciences, Veterinary Sciences, Veterinary Biochemistry, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Ataturk University, Veteriner Fakültesi, Veteriner Hekimliği Temel Bilimleri, 2018 - Continues

Courses

Vücut Sıvılarının Biyokimyası, Postgraduate, 2019 - 2020

Biyokimya II, Undergraduate, 2018 - 2019

Jury Memberships

Doctoral Examination, Doctoral Examination, Kafkas Üniversitesi, December, 2018

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- Ameliorative effect of hesperidin on streptozotocin-diabetes mellitus-induced testicular DNA damage and sperm quality degradation in Sprague-Dawley rats**
Aksu E. H. , KANDEMİR F. M. , KÜÇÜKLER S.
JOURNAL OF FOOD BIOCHEMISTRY, 2021 (Journal Indexed in SCI)

- II. **Modulatory effects of carvacrol against cadmium-induced hepatotoxicity and nephrotoxicity by molecular targeting regulation**
KANDEMİR F. M. , ÇAĞLAYAN C., DARENDELİOĞLU E., KÜÇÜKLER S., Izol E., Kandemir O.
LIFE SCIENCES, vol.277, 2021 (Journal Indexed in SCI)
- III. **Protective effects of rutin against deltamethrin-induced hepatotoxicity and nephrotoxicity in rats via regulation of oxidative stress, inflammation, and apoptosis**
KÜÇÜKLER S., KANDEMİR F. M. , ÖZDEMİR S., ÇOMAKLI S., ÇAĞLAYAN C.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, 2021 (Journal Indexed in SCI)
- IV. **Morin protects against acrylamide-induced neurotoxicity in rats: an investigation into different signal pathways**
GÜR C., KANDEMİR F. M. , DARENDELİOĞLU E., ÇAĞLAYAN C., KÜÇÜKLER S., Kandemir O., İLERİTÜRK M.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, 2021 (Journal Indexed in SCI)
- V. **Hesperidin protects against the chlorpyrifos-induced chronic hepato-renal toxicity in rats associated with oxidative stress, inflammation, apoptosis, autophagy, and up-regulation of PARP-1/VEGF**
KÜÇÜKLER S., ÇOMAKLI S., ÖZDEMİR S., ÇAĞLAYAN C., KANDEMİR F. M.
ENVIRONMENTAL TOXICOLOGY, 2021 (Journal Indexed in SCI)
- VI. **The protective effect of Naringenin against ovalbumin-induced allergic rhinitis in rats**
ŞAHİN A., SAKAT M. S. , KILIÇ K., AKTAN B., YILDIRIM S., KANDEMİR F. M. , Dortbudak M. B. , KÜÇÜKLER S.
EUROPEAN ARCHIVES OF OTO-RHINO-LARYNGOLOGY, 2021 (Journal Indexed in SCI)
- VII. **Attenuation of sodium arsenite-induced cardiotoxicity and neurotoxicity with the antioxidant, anti-inflammatory, and antiapoptotic effects of hesperidin**
Kuzu M., Kandemir F. M. , Yıldırım S., Çağlayan C., Küçükler S.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.28, no.9, pp.10818-10831, 2021 (Journal Indexed in SCI)
- VIII. **Silymarin alleviates docetaxel-induced central and peripheral neurotoxicity by reducing oxidative stress, inflammation and apoptosis in rats**
Yardim A., Küçükler S., Özdemir S., Çomaklı S., Çağlayan C., Kandemir F. M. , Celik H.
GENE, vol.769, 2021 (Journal Indexed in SCI)
- IX. **Quercetin provides protection against the peripheral nerve damage caused by vincristine in rats by suppressing caspase 3, NF-κB, ATF-6 pathways and activating Nrf2, Akt pathways**
Yardim A., KANDEMİR F. M. , ÖZDEMİR S., KÜÇÜKLER S., ÇOMAKLI S., GÜR C., Celik H.
NeuroToxicology, vol.81, pp.137-146, 2020 (Journal Indexed in SCI)
- X. **Neuroprotective effect of chrysin on isoniazid-induced neurotoxicity via suppression of oxidative stress, inflammation and apoptosis in rats**
Celik H., Küçükler S., Çomaklı S., Çağlayan C., Özdemir S., Yardim A., Karaman M., Kandemir F. M.
NEUROTOXICOLOGY, vol.81, pp.197-208, 2020 (Journal Indexed in SCI)
- XI. **The effects of hesperidin on colistin-induced reproductive damage, autophagy, and apoptosis by reducing oxidative stress**
AKSU E. H. , KANDEMİR F. M. , KÜÇÜKLER S.
ANDROLOGIA, 2020 (Journal Indexed in SCI)
- XII. **Protective Effects of Curcumin Against Paclitaxel-Induced Spinal Cord and Sciatic Nerve Injuries in Rats**
Yardim A., KANDEMİR F. M. , ÇOMAKLI S., ÖZDEMİR S., ÇAĞLAYAN C., KÜÇÜKLER S., Celik H.
NEUROCHEMICAL RESEARCH, 2020 (Journal Indexed in SCI)
- XIII. **The investigation of the effect of fraxin on hepatotoxicity induced by cisplatin in rats**
Akdemir F. N. E. , Bingol C., Yıldırım S., Kandemir F. M. , Küçükler S., Sağlam Y. S.
IRANIAN JOURNAL OF BASIC MEDICAL SCIENCES, vol.23, no.11, pp.1382-1387, 2020 (Journal Indexed in SCI)
- XIV. **Morin attenuates acrylamide-induced testicular toxicity in rats by regulating the NF-kappa B, Bax/Bcl-2 and PI3K/Akt/mTOR signaling pathways**
Küçükler S., Çağlayan C., Darendelioğlu E., Kandemir F. M.
LIFE SCIENCES, vol.261, 2020 (Journal Indexed in SCI)

- XV. **Zingerone attenuates vancomycin-induced hepatotoxicity in rats through regulation of oxidative stress, inflammation and apoptosis**
Küçükler S., Darendelioglu E., Caglayan C., Ayna A., Yıldırım S., Kandemir F. M.
LIFE SCIENCES, vol.259, 2020 (Journal Indexed in SCI)
- XVI. **The protective effect of Morin against ifosfamide-induced acute liver injury in rats associated with the inhibition of DNA damage and apoptosis**
ÖZDEMİR S., KÜÇÜKLER S., ÇOMAKLI S., KANDEMİR F. M.
DRUG AND CHEMICAL TOXICOLOGY, 2020 (Journal Indexed in SCI)
- XVII. **Lycopene protects against central and peripheral neuropathy by inhibiting oxaliplatin-induced ATF-6 pathway, apoptosis, inflammation and oxidative stress in brains and sciatic tissues of rats**
Celik H., Küçükler S., Özdemir S., Çomaklı S., Gür C., Kandemir F. M., Yardim A.
NeuroToxicology, vol.80, pp.29-40, 2020 (Journal Indexed in SCI)
- XVIII. **Protective Effects of Chrysin Against Oxidative Stress and Inflammation Induced by Lead Acetate in Rat Kidneys: a Biochemical and Histopathological Approach**
Küçükler S., Benzer F., Yıldırım S., Gür C., Kandemir F. M., Bengu A. S., Ayna A., Caglayan C., Dortbudak M. B.
BIOLOGICAL TRACE ELEMENT RESEARCH, 2020 (Journal Indexed in SCI)
- XIX. **Protective effects of morin against acrylamide-induced hepatotoxicity and nephrotoxicity: A multi-biomarker approach**
Kandemir F. M., Yıldırım S., Küçükler S., Caglayan C., Darendelioglu E., Dortbudak M. B.
Food and Chemical Toxicology, vol.138, 2020 (Journal Indexed in SCI)
- XX. **Protective effect of chrysin on cyclophosphamide-induced hepatotoxicity and nephrotoxicity via the inhibition of oxidative stress, inflammation, and apoptosis**
Temel Y., Küçükler S., Yıldırım S., Çağlayan C., Kandemir F. M.
Naunyn-Schmiedeberg's Archives of Pharmacology, vol.393, pp.325-337, 2020 (Journal Indexed in SCI)
- XXI. **Neuroprotective effect of rutin against colistin-induced oxidative stress, inflammation and apoptosis in rat brain associated with the CREB/BDNF expressions**
Çelik H., Kandemir F. M., Caglayan C., Özdemir S., Çomaklı S., Kucukler S., Yardim A.
Molecular Biology Reports, vol.47, no.3, pp.2023-2034, 2020 (Journal Indexed in SCI)
- XXII. **Investigation of curcumin role on doxorubicin-induced tissue damage in terms of trace metal levels using etaas**
Ince O. K., Kandemir F. M., Ince M., Benzer F., Onal A., Küçükler S.
Atomic Spectroscopy, vol.41, no.4, pp.175-180, 2020 (Journal Indexed in SCI)
- XXIII. **Rutin ameliorates mercuric chloride-induced hepatotoxicity in rats via interfering with oxidative stress, inflammation and apoptosis**
Caglayan C., Kandemir F. M., Darendelioglu E., Yıldırım S., Küçükler S., Dörtbudak M. B.
Journal of Trace Elements in Medicine and Biology, vol.56, pp.60-68, 2019 (Journal Indexed in SCI)
- XXIV. **The effects of zingerone against vancomycin-induced lung, liver, kidney and testis toxicity in rats: The behavior of some metabolic enzymes**
Caglayan C., Taslimi P., Demir Y., Küçükler S., Kandemir F. M., Gülçin İ.
Journal of Biochemical and Molecular Toxicology, vol.33, 2019 (Journal Indexed in SCI)
- XXV. **The antiapoptotic and antioxidant effects of eugenol against cisplatin-induced testicular damage in the experimental model**
Akdemir F. N. E., Yıldırım S., Kandemir F. M., Aksu E. H., Guler M. C., Kızıltunç Özmen H., Küçükler S., Eser G.
Andrologia, vol.51, 2019 (Journal Indexed in SCI)
- XXVI. **Palliative effect of curcumin on doxorubicin-induced testicular damage in male rats**
Aksu E. H., Kandemir F. M., Yıldırım S., Küçükler S., Dortbudak M. B., Çağlayan C., Benzer F.
Journal of Biochemical and Molecular Toxicology, vol.33, 2019 (Journal Indexed in SCI)
- XXVII. **Protective effect of morin on doxorubicin-induced hepatorenal toxicity in rats**
Kuzu M., Yıldırım S., Kandemir F. M., Küçükler S., Çağlayan C., Turk E., Dortbudak M. B.
Chemico-Biological Interactions, vol.308, pp.89-100, 2019 (Journal Indexed in SCI)
- XXVIII. **Protective effects of zingerone on cisplatin-induced nephrotoxicity in female rats**

- Kandemir F. M. , Yıldırım S., Çağlayan C., Küçükler S., Eser G.
Environmental Science and Pollution Research, vol.26, pp.22562-22574, 2019 (Journal Indexed in SCI)
- XXIX. **Rutin protects mercuric chloride-induced nephrotoxicity via targeting of aquaporin 1 level, oxidative stress, apoptosis and inflammation in rats**
Caglayan C., Kandemir F. M. , Yıldırım S., Küçükler S., Eser G.
Journal of Trace Elements in Medicine and Biology, vol.54, pp.69-78, 2019 (Journal Indexed in SCI)
- XXX. **Protective Effect of Hesperidin on Sodium Arsenite-Induced Nephrotoxicity and Hepatotoxicity in Rats**
Turk E., Kandemir F. M. , Yıldırım S., Caglayan C., Küçükler S., Kuzu M.
Biological Trace Element Research, vol.189, pp.95-108, 2019 (Journal Indexed in SCI)
- XXXI. **The amendatory effect of hesperidin and thymol in allergic rhinitis: an ovalbumin-induced rat model**
Kılıç K., Sakat M. S. , Yıldırım S., Kandemir F. M. , Gözeler M. S. , Dortbudak M. B. , Küçükler S.
European Archives of Oto-Rhino-Laryngology, vol.276, pp.407-415, 2019 (Journal Indexed in SCI)
- XXXII. **The effects of hesperidin on sodium arsenite-induced different organ toxicity in rats on metabolic enzymes as antidiabetic and anticholinergics potentials: A biochemical approach**
Caglayan C., Demir Y., Küçükler S., Tashımı P., Kandemir F. M. , Gülçin İ.
Journal of Food Biochemistry, vol.43, 2019 (Journal Indexed in SCI)
- XXXIII. **Effect of chrysin on methotrexate-induced testicular damage in rats**
BELHAN S., Çomaklı S., KUCUKLER S., GÜLYÜZ F., YILDIRIM S., YENER Z.
Andrologia, vol.51, no.1, 2019 (Journal Indexed in SCI)
- XXXIV. **Protective effects of gallic acid on doxorubicin-induced cardiotoxicity; an experimental study**
Akdemir F. N. E. , Yıldırım S., Kandemir F. M. , Tanyeli A., Küçükler S., Dortbudak M. B.
Archives of Physiology and Biochemistry, 2019 (Journal Indexed in SCI)
- XXXV. **Chemoprotective effects of curcumin on doxorubicin-induced nephrotoxicity in wistar rats: by modulating inflammatory cytokines, apoptosis, oxidative stress and oxidative DNA damage.**
Benzer F., Kandemir F. M. , Kucukler S., Comaklı S., Caglayan C.
Archives of physiology and biochemistry, vol.124, pp.448-457, 2018 (Journal Indexed in SCI)
- XXXVI. **The effects of casticin and myricetin on liver damage induced by methotrexate in rats**
Ekinçi-Akdemir F. N. , Yıldırım S., Kandemir F. M. , Gülçin İ., Küçükler S., Sağlam Y. S. , Yakan S.
IRANIAN JOURNAL OF BASIC MEDICAL SCIENCES, vol.21, no.12, pp.1281-1288, 2018 (Journal Indexed in SCI)
- XXXVII. **Investigation of the effects of hesperidin and chrysin on renal injury induced by colistin in rats**
Hanedan B., Ozkaraca M., Kirbas A., Kandemir F. M. , Aktas M. S. , Kılıç K., Comaklı S., Kucukler S., Bilgili A.
Biomedicine and Pharmacotherapy, vol.108, pp.1607-1616, 2018 (Journal Indexed in SCI)
- XXXVIII. **Improvement in colistin-induced reproductive damage, apoptosis, and autophagy in testes via reducing oxidative stress by chrysin.**
Aksu E. H. , Kandemir F. M. , Kucukler S., Mahamadu A.
Journal of biochemical and molecular toxicology, vol.32, 2018 (Journal Indexed in SCI)
- XXXIX. **Preventive effects of hesperidin on diabetic nephropathy induced by streptozotocin via modulating TGF-β1 and oxidative DNA damage**
Kandemir F. M. , Özkaraca M., Küçükler S., Caglayan C., Hanedan B.
Toxin Reviews, vol.37, no.4, pp.287-293, 2018 (Journal Indexed in SCI)
- XL. **Morin attenuates doxorubicin-induced heart and brain damage by reducing oxidative stress, inflammation and apoptosis**
Kuzu M., Kandemir F. M. , Yıldırım S., Küçükler S., Caglayan C., Turk E.
Biomedicine and Pharmacotherapy, vol.106, pp.443-453, 2018 (Journal Indexed in SCI)
- XLI. **The ameliorative effect of berberine and coenzyme Q10 in an ovalbumin-induced allergic rhinitis model**
Sakat M. S. , Kılıç K., Kandemir F. M. , Yıldırım S., Şahin A., Küçükler S., Sağlam Y. S.
EUROPEAN ARCHIVES OF OTO-RHINO-LARYNGOLOGY, vol.275, no.10, pp.2495-2505, 2018 (Journal Indexed in SCI)
- XLII. **Therapeutic efficacy of zingerone against vancomycin-induced oxidative stress, inflammation,**

apoptosis and aquaporin 1 permeability in rat kidney

Kandemir F. M. , Yıldırım S., Küçükler S., Caglayan C., Mahamadu A., Dortbudak M. B.

Biomedicine and Pharmacotherapy, vol.105, pp.981-991, 2018 (Journal Indexed in SCI)

- XLIII. **Naringin protects against cyclophosphamide-induced hepatotoxicity and nephrotoxicity through modulation of oxidative stress, inflammation, apoptosis, autophagy, and DNA damage**
Caglayan C., Temel Y., Kandemir F. M. , Yıldırım S., Küçükler S.
Environmental Science and Pollution Research, vol.25, pp.20968-20984, 2018 (Journal Indexed in SCI)
- XLIV. **Zingerone ameliorates cisplatin-induced ovarian and uterine toxicity via suppression of sex hormone imbalances, oxidative stress, inflammation and apoptosis in female wistar rats**
Kaygusuzoglu E., Caglayan C., Kandemir F. M. , Yıldırım S., Kucukler S., Kılnc M., Sağlam Y. S.
BIOMEDICINE & PHARMACOTHERAPY, vol.102, pp.517-530, 2018 (Journal Indexed in SCI)
- XLV. **Curcumin ameliorates doxorubicin-induced cardiotoxicity by abrogation of inflammation, apoptosis, oxidative DNA damage, and protein oxidation in rats**
Benzer F., Kandemir F. M. , Özkaraca M., Küçükler S., Caglayan C.
Journal of Biochemical and Molecular Toxicology, vol.32, 2018 (Journal Indexed in SCI)
- XLVI. **Restorative effects of Chrysin pretreatment on oxidant-antioxidant status, inflammatory cytokine production, and apoptotic and autophagic markers in acute paracetamol-induced hepatotoxicity in rats: An experimental and biochemical study**
Eldutar E., Kandemir F. M. , Küçükler S., Caglayan C.
Journal of Biochemical and Molecular Toxicology, vol.31, 2017 (Journal Indexed in SCI)
- XLVII. **Therapeutic effects of silymarin and naringin on methotrexate-induced nephrotoxicity in rats: Biochemical evaluation of anti-inflammatory, antiapoptotic, and antiautophagic properties**
Kandemir F. M. , Kucukler S., Caglayan C., Gür C., Batıl A. A. , Gülçin İ.
Journal of Food Biochemistry, vol.41, 2017 (Journal Indexed in SCI)
- XLVIII. **Beneficial Effects of Ozone Therapy on Oxidative Stress, Cardiac Functions and Clinical Findings in Patients with Heart Failure Reduced Ejection Fraction**
Büyüklü M., Kandemir F. M. , Set T., Bakırcı E. M. , Değirmenci H., Hamur H., Topal E., Küçükler S., Turkmen K.
Cardiovascular Toxicology, vol.17, pp.426-433, 2017 (Journal Indexed in SCI)
- XLIX. **Rutin ameliorates cisplatin-induced reproductive damage via suppression of oxidative stress and apoptosis in adult male rats**
Aksu E. H. , Kandemir F. M. , Özkaraca M., Ömür A. D. , Küçükler S., Çomaklı S.
Andrologia, vol.49, no.1, 2017 (Journal Indexed in SCI)
- L. **Mitigation of paracetamol-induced reproductive damage by chrysin in male rats via reducing oxidative stress**
Aksu E. H. , Özkaraca M., Kandemir F. M. , Ömür A. D. , Eldutar E., Küçükler S., Çomaklı S.
Andrologia, vol.48, no.10, pp.1145-1154, 2016 (Journal Indexed in SCI)
- LI. **Ameliorative Effect of Carvacrol on Cisplatin-Induced Reproductive Damage in Male Rats**
Aksu E. H. , Kandemir F. M. , Altun S., Kucukler S., Çomaklı S., Ömür A. D.
Journal of Biochemical and Molecular Toxicology, vol.30, pp.513-520, 2016 (Journal Indexed in SCI)
- LII. **The possible role of interleukin-33 as a new player in the pathogenesis of contrast-induced nephropathy in diabetic rats**
Demirtas L., Turkmen K., Kandemir F. M. , Ozkaraca M., Kucukler S., Gürbüz el M., Comaklı S.
Renal Failure, vol.38, no.6, pp.952-960, 2016 (Journal Indexed in SCI)
- LIII. **Effects of Helichrysum plicatum extract against Thallium I sulphate induced reproductive damage in male rats**
Ömür A. D. , Apaydın Yıldırım B., Küçükler S.
Faseb Journal, vol.30, 2016 (Journal Indexed in SCI)

- I. **Ameliorating Effects of Rutin on Nephrotoxicity Caused by Cisplatin in Rats**
Kandemir F. M. , Hanedan B., Aktaş M. S. , Küçükler S., Çağlayan C.
Fırat Üniversitesi Sağlık Bilimleri Veteriner Dergisi, vol.34, no.3, pp.147-151, 2020 (National Refreed University Journal)
- II. **Alterations in Enzyme Activity of Carbonic Anhydrase, 6-phosphogluconate Dehydrogenase and Thioredoxin Reductase in Rats Exposed to Doxorubicin and Morin**
Aggul A. G. , Kuzu M., Kandemir F. M. , Küçükler S., Çağlayan C.
CLINICAL AND EXPERIMENTAL HEALTH SCIENCES, vol.10, no.3, pp.228-234, 2020 (Journal Indexed in ESCI)
- III. **Effects of Chrysin Against Isoniazid-Induced Lung Injury in Rats**
Küçükler S., Özdemir S., Çomaklı S., Kandemir F. M.
Kocatepe Veterinary Journal, vol.13, no.2, pp.161-171, 2020 (National Refreed University Journal)
- IV. **Ratlarda Doksetaksel Kaynaklı Testis Toksisitesi Üzerine Silimarinin Etkileri: Biyokimyasal, Moleküler ve Histopatolojik Değerlendirme**
KÜÇÜKLER S., ÇOMAKLI S., ÖZDEMİR S., KANDEMİR F. M.
Fırat Üniversitesi Sağlık Bilimleri Veteriner Dergisi, vol.34, no.1, pp.13-21, 2020 (Other Refereed National Journals)
- V. **Ameliorating Effects of Rutin on Nephrotoxicity Caused by Cisplatin in Rats**
HANEDAN B., KANDEMİR F. M. , AKTAŞ M. S. , KÜÇÜKLER S., ÇAĞLAYAN C.
Fırat Üniversitesi Sağlık Bilimleri Veteriner Dergisi, vol.34, no.3, pp.147-151, 2020 (Refereed Journals of Other Institutions)
- VI. **Ratlarda Kadmiyum Kaynaklı Mide Toksisitesine Karşı Karvakrol'un Etkileri**
Küçükler S., Özdemir S., Kandemir F. M. , Çağlayan C.
Türk Doğa ve Fen Dergisi, vol.9, no.1, pp.12-18, 2020 (National Refreed University Journal)
- VII. **Antioxidant Potential of Ferulic Acid on the Freezability of Bull Semen**
ÖMÜR A. D. , ERTAY Ş., GÜNEY M., ŞAHİN A., KÜÇÜKLER S., ÇAMLI M., CHACHAR M. F. A. , TAYHAN A., YOLALAN Ö., AKSU E. H.
Open Access Journal of Veterinary Science Research, 2019 (Refereed Journals of Other Institutions)
- VIII. **Naringin' in Erkek Ratlarda Methotrexate İndüklü Testis Apoptosisi ve otofajisi Üzerine Oksidatif Stresi Azaltmak Yoluyla Koruyucu Etkisi**
AKSU E. H. , KANDEMİR F. M. , KÜÇÜKLER S.
Fırat Üniversitesi Sağlık Bilimleri Veteriner Dergisi, vol.32, no.3, pp.179-183, 2018 (National Refreed University Journal)
- IX. **Ratlarda Methotrexate Kaynaklı Karaciğer Toksisitesine Karşı Silymarin ve Naringin'in Yararlı Etkileri**
KANDEMİR F. M. , KÜÇÜKLER S., ÇAĞLAYAN C.
Atatürk Üniversitesi Veteriner Bilimleri Dergisi, vol.12, no.2, pp.167-177, 2017 (Other Refereed National Journals)
- X. **Chrysin protects rat kidney from paracetamol-induced oxidative stress, inflammation, apoptosis, and autophagy: A multi-biomarker approach**
Kandemir F. M. , Küçükler S., Eldutar E., Çağlayan C., Gülçin İ.
Scientia Pharmaceutica, vol.85, 2017 (Journal Indexed in ESCI)
- XI. **Ratlarda Methotrexate Kaynaklı Karaciğer Toksisitesine Karşı Silymarin ve Naringin'in Yararlı Etkileri**
Kandemir F. M. , Küçükler S., Çağlayan C.
Atatürk Üniversitesi Veteriner Bilimleri Dergisi, vol.12, no.2, pp.167-177, 2016 (National Refreed University Journal)
- XII. **Ratlarda Methotrexate Kaynaklı Karaciğer Toksisitesine Karşı Silymarin ve Naringin'in Yararlı Etkileri**
KANDEMİR F. M. , KÜÇÜKLER S., çağlayan c.
Atatürk Üniversitesi Veteriner Bilimleri Dergisi, vol.12, no.2, pp.167-177, 2016 (National Refreed University Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Ratlarda İndometazin İle Oluşturulan Mide Ülseri Üzerine Chrysin'in Etkilerinin Araştırılması**
Küçükler S., Kandemir F. M.
International Eurasian Conference on Biotechnology and Biochemistry, Ankara, Turkey, 16 - 18 December 2020, pp.512-520
- II. **Ratlarda İfosfamid Kaynaklı Kalp Hasarı Üzerine Morin'in Etkilerinin Araştırılması**
Küçükler S.
INSAC Natural and Health Sciences, Konya, Turkey, 22 - 23 May 2020, pp.291-292
- III. **OKSALİPLATİN KAYNAKLI TESTİS HASARI ÜZERİNE LİKOPENİN KORUYUCU ETKİLERİNİN ARAŞTIRILMASI**
Küçükler S., Kandemir F. M.
1. ULUSLARARASI GAP GIDA, TARIM VE VETERİNER BİLİMLERİ KONGRESİ, Şanlıurfa, Turkey, 29 November - 01 December 2019, pp.415-423
- IV. **Anti-Inflammatory and Anti-apoptotic Effects of Zingerone on Vancomycin-Induced Nephrotoxicity in Rats**
Kandemir F. M. , Yıldırım S., Küçükler S., Çağlayan C., Muhamadua A., Dörtbudak M.
1st International Veterinary Biochemistry and Clinical Biochemistry Congress, Hatay, Turkey, 12 - 15 April 2018, pp.3
- V. **Biochemical Evaluation of Anti-Inflamatur, Anti-Apoptotic And Anti-Otophagic Properties Of Silimarine And Naringin on Methodrexate-Induced Nephrotoxicity in Rats.**
KANDEMİR F. M. , KÜÇÜKLER S., ÇAĞLAYAN C., GÜR C., BATIL a., GÜLÇİN İ.
Uluslararası Gıda Tarım ve Hayvancılık Kongresi, 19 - 22 October 2019
- VI. **Zingeron'un sispilin kaynaklı nefrotoksisite üzerindeki koruyucu etkileri**
KANDEMİR F. M. , YILDIRIM S., ÇAĞLAYAN C., KÜÇÜKLER S., ESER G.
ULUSLARARASIGIDA, TARIM VE HAYVANCILIK KONGRESİ, Gaziantep, Turkey, 19 - 22 September 2019
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