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Personal Information

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Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Health&Medicine, Deney Hayvanları Kullanım Sertifikası, Mersin Üniversitesi Deney Hayvanları Yerel etik Kurulu, 2011

Dissertations

Postgraduate, Türkiye piyasasındaki anti-aging preparatların deri fibroblast hücre kültürü kullanılarak antioksidan etkilerinin incelenmesi , Mersin University, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji Anabilim Dalı, 2012

Postgraduate, Akut lenfoblastik lösemi ve akut miyeloid lösemi vakalarında CYP2B6 geni G15631T gen polimorfizminin araştırılması, Mersin University, Sağlık Bilimleri Enstitüsü, Eczacılık Biyokimya Anabilim Dalı, 2007

Research Areas

Basic Pharmaceutics Sciences, Health Sciences, Pharmacology and Therapeutics, Biochemistry

Academic Titles / Tasks

Assistant Professor, Van Yüzüncü Yıl University, Eczacılık Fakültesi, Eczacılık Temel Bilimleri, 2018 - Continues

Assistant Professor, Van Yüzüncü Yıl University, Eczacılık Fakültesi, Eczacılık Temel Bilimleri Bölümü, 2018 - 2018

Lecturer PhD, Van Yüzüncü Yıl University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2017 - 2018

Lecturer, Van Yüzüncü Yıl University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2012 - 2017

Research Assistant, Mersin University, Institute Of Health Sciences, Temel Eczacılık Bilimleri Bölümü, 2009 - 2012

Academic and Administrative Experience

Van Yüzüncü Yıl University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2017 - 2020

Van Yüzüncü Yıl University, Eczacılık Fakültesi, 2017 - 2019

Advising Theses

- Berköz M., Kurşun asetat maruziyeti sonucu oluşan nefrotoksisiteye karşı mirisetin, kaemferol, fisetin ve galanginin koruyucu rolünün araştırılması, Postgraduate, A.YİĞİT(Student), 2021
- Berköz M., Meme kanserinde usnik asitin inflamasyon üzerine olan etkilerinin araştırılması, Doctorate, M.Yıldırım(Student), 2019
- Berköz M., Aç Farelere Skopolamin Uygulanması ve Yem Verilmesi ile Oluşan Konvülsyonlarda MK-801'in Beyin Dokusundaki Oksidatif Stres, İnflamasyon ve Ghrelin Düzeylerine Etkilerinin Araştırılması, Postgraduate, Y.Akkus(Student), 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effects of fisetin on ethanol-induced rewarding properties in mice**
Yalnız Y., Yunusoğlu O., Berköz M., Demirel M. E.
American Journal of Drug and Alcohol Abuse, vol.50, no.1, pp.75-83, 2024 (SCI-Expanded)
- II. **The Effect of Sitagliptin and Exenatide on Insulin, Insulin Receptor and Insulin Receptor Substrate Gene Expression in Diabetic Rats**
Yıldırım M., Mistik O. A., Yalın A., Comelekoglu U., Berköz M., Arpacı R. B., Yalın S.
Russian Journal of Bioorganic Chemistry, vol.49, no.3, pp.610-615, 2023 (SCI-Expanded)
- III. **Protective Role of Myricetin and Fisetin Against Nephrotoxicity Caused by Lead Acetate Exposure through Up-regulation of Nrf2/HO-1 Signalling Pathway**
Berköz M., Yiğit A., Krośniak M.
Biological Trace Element Research, 2023 (SCI-Expanded)
- IV. **Protective role of resveratrol and apigenin against toxic effects of bisphenol a in rat salivary gland**
Çetin Y. S., Altındağ F., Berköz M.
DRUG AND CHEMICAL TOXICOLOGY, vol.46, no.1, pp.88-96, 2023 (SCI-Expanded)
- V. **Anti-Inflammatory Effects of Usnic Acid in Breast Cancer**
Yıldırım M., Degirmencı U., Akkapulu M., Gungor M., Ozturnaci R. O., Berköz M., Comelekoglu U., Yalın A. E., Yalın S.
RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY, vol.48, no.SUPPL 1, 2022 (SCI-Expanded)
- VI. **The Health Risk Assessment of Essential Elemental Impurities (Cu, Mn and Zn) Through the Dermal Exposure of Herbal Ointment Extracted from Marjoram Herb (Majoranae herbae extractum)**
Jurowski K., Folta M., Tatar B., Berköz M., Krosniak M.
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.200, no.4, pp.1981-1987, 2022 (SCI-Expanded)
- VII. **The Toxicological Risk Assessment of Cu, Mn, and Zn as Essential Elemental Impurities in Herbal Medicinal Products with Valerian Root (Valeriana officinalis L., radix) Available in Polish Pharmacies**
Jurowski K., Folta M., Tatar B., Berköz M., Krosniak M.
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.200, no.4, pp.1949-1955, 2022 (SCI-Expanded)
- VIII. **The Toxicological Risk Assessment of Dermal Exposure of Patients Exposed to Nickel and Chromium due to Application of Ointments with Marjoram Herb Extract (Majoranae Herbae Extractum) Available in Polish Pharmacies**
Jurowski K., Folta M., Tatar B., Berköz M., Krosniak M.
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.200, pp.1965-1971, 2022 (SCI-Expanded)
- IX. **The Influence of Organic Vanadium Complexes on an Antioxidant Profile in Adipose Tissue in Wistar Rats**
Francik R., Kryczyk-Kozioł J., Krosniak M., Francik S., Hebda T., Pedryc N., Knapczyk A., Berkóz M., Slipek Z.
MATERIALS, vol.15, no.5, 2022 (SCI-Expanded)
- X. **The Toxicological Risk Assessment of Lead and Cadmium in Valeriana officinalis L., radix (Valerian root) as Herbal Medicinal Product for the Relief of Mild Nervous Tension and Sleep Disorders Available in Polish Pharmacies**
Jurowski K., Folta M., Tatar B., Berköz M., Krosniak M.

- BIOLOGICAL TRACE ELEMENT RESEARCH, vol.200, no.2, pp.904-909, 2022 (SCI-Expanded)
- XI. **Investigation of the impact of antiparasitic drug moxidectin on the rewarding effects of alcohol**
Ekici A., Gürbüz E., Berköz M., Türkmen Ö., Başbuğan Y., Yunusoğlu O.
General Physiology and Biophysics, vol.41, no.3, pp.245-253, 2022 (SCI-Expanded)
- XII. **Prophylactic effect of myricetin and apigenin against lipopolysaccharide-induced acute liver injury**
Berköz M., Unal S., KARAYAKAR F., Yunusoğlu O., ÖZKAN YILMAZ F., ÖZLÜER HUNT A., Aslan A.
MOLECULAR BIOLOGY REPORTS, vol.48, no.9, pp.6363-6373, 2021 (SCI-Expanded)
- XIII. **Ni and Cr impurities profile in Valeriana officinalis L., radix-based herbal medicinal product available in polish pharmacies due to ICH Q3D guideline**
Jurowski K., Folta M., Tatar B., Berköz M., Krosniak M.
REGULATORY TOXICOLOGY AND PHARMACOLOGY, vol.123, 2021 (SCI-Expanded)
- XIV. **An investigation of the relation between catalase C262T gene polymorphism and catalase enzyme activity in leukemia patients**
ERAS N., Turkoz G., TOMBAK A., Tiftik N., YALIN S., Berköz M., ERDEN S., AKBAŞ E.
ARCHIVES OF MEDICAL SCIENCE, vol.17, no.4, pp.928-933, 2021 (SCI-Expanded)
- XV. **Protective effect of myricetin, apigenin, and hesperidin pretreatments on cyclophosphamide-induced immunosuppression**
Berköz M., YALIN S., ÖZKAN YILMAZ F., ÖZLÜER HUNT A., Krosniak M., Francik R., Yunusoğlu O., Adiyaman A., Gezici H., Yigit A., et al.
IMMUNOPHARMACOLOGY AND IMMUNOTOXICOLOGY, vol.43, no.3, pp.353-369, 2021 (SCI-Expanded)
- XVI. **PUNICALAGIN AND PUNICALIN SUPPRESS THE ADIPOCYTE DIFFERENTIATION THROUGH THE TRANSCRIPTION FACTORS.**
Berköz M., Yalın S., Yıldırım M., Yalın A. E., Çömelekoğlu Ü.
Acta endocrinologica (Bucharest, Romania : 2005), vol.17, no.2, pp.157-167, 2021 (SCI-Expanded)
- XVII. **Artesunate inhibits melanoma progression in vitro via suppressing STAT3 signaling pathway**
Berköz M., ÖZKAN YILMAZ F., ÖZLÜER HUNT A., Krosniak M., Türkmen Ö., Korkmaz D., Keskin S.
PHARMACOLOGICAL REPORTS, vol.73, no.2, pp.650-663, 2021 (SCI-Expanded)
- XVIII. **THE PROTECTIVE EFFECT OF ALPHA LIPOIC ACID ON RETINAL DAMAGE IN STREPTOZOTOCIN-INDUCED DIABETIC RATS**
Berköz M., Yıldırım M., BAHAR L., SUCU N., İlhan M., YALIN A. E.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.30, pp.8824-8833, 2021 (SCI-Expanded)
- XIX. **PAI-1 and tPA gene polymorphisms and susceptibility to chronic obstructive pulmonary disease in a sample of Turkish population**
Sünnetçioğlu A., Berköz M., Yıldırım M., Bora G., Yalın S.
Journal of the Pakistan Medical Association, vol.70, no.12 B, pp.2310-2315, 2020 (SCI-Expanded)
- XX. **Prophylactic effect of Biochanin A in lipopolysaccharide-stimulated BV2 microglial cells**
Berköz M., Krosniak M., ÖZKAN YILMAZ F., ÖZLÜER HUNT A.
IMMUNOPHARMACOLOGY AND IMMUNOTOXICOLOGY, vol.42, no.4, pp.330-339, 2020 (SCI-Expanded)
- XXI. **Punicalagin induces apoptosis in A549 cell line through mitochondria-mediated pathway**
Berköz M., Krosniak M.
GENERAL PHYSIOLOGY AND BIOPHYSICS, vol.39, no.6, pp.557-567, 2020 (SCI-Expanded)
- XXII. **Roe protein hydrolysate of Alburnus tarichi induces apoptosis in breast cancer MCF-7 and MDA-MB-231 cells through a caspase-dependent pathway**
Berköz M., ÖZKAN YILMAZ F., ÖZLÜER HUNT A., Krosniak M., Türkmen Ö., Yunusoğlu O.
GENERAL PHYSIOLOGY AND BIOPHYSICS, vol.39, no.5, pp.449-460, 2020 (SCI-Expanded)
- XXIII. **Myricetin inhibits angiotensin converting enzyme and induces nitric oxide production in HUVEC cell line**
Berköz M., YILDIRIM M., YALIN S., İlhan M., Yunusoğlu O.
GENERAL PHYSIOLOGY AND BIOPHYSICS, vol.39, no.3, pp.249-258, 2020 (SCI-Expanded)
- XXIV. **EFFECT OF HYPEROSIDE ON THE INHIBITION OF ADIPOGENESIS IN 3T3-L1 ADIPOCYTES**
Berköz M.

- ACTA ENDOCRINOLOGICA-BUCHAREST, vol.15, no.2, pp.165-172, 2019 (SCI-Expanded)
- XXV. INFLUENCE OF SUBLETHAL CHLORPYRIFOS EXPOSURE ON OXIDATIVE STRESS AND ACETYLCHOLINESTERASE ACTIVITY IN COMMON CARP (*CYPRINUS CARPIO*)
Berköz M., Ozkan-Yilmaz F., Ozluer-Hunt A., Gunduz S. G., Yildirim M., Yalin S.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, no.6, pp.4642-4649, 2019 (SCI-Expanded)
- XXVI. Diosmin suppresses the proinflammatory mediators in lipopolysaccharide-induced RAW264.7 macrophages via NF-kappa B and MAPKs signal pathways
Berköz M.
GENERAL PHYSIOLOGY AND BIOPHYSICS, vol.38, no.4, pp.315-324, 2019 (SCI-Expanded)
- XXVII. HEPATOPROTECTIVE EFFECT OF NIGELLA SATIVA L. EXTRACT IN METHYL PARATHION EXPOSED RATS
Berköz M., KAHRAMAN T., Yildirim M., Yiğit M. F., Allahverdiyev O.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, no.10, pp.7079-7087, 2019 (SCI-Expanded)
- XXVIII. ROSA CANINA L. ETHANOLIC EXTRACT INDUCES THE ANTI-PROLIFERATIVE AND APOPTOSIS POTENTIAL IN MCF-7 AND MDA-MB-468 CELL LINES
Berköz M., Ozkan-Yilmaz F., Ozluer-Hunt A., Yildirim M., Allahverdiyev O., Aslan A.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, no.5, pp.3718-3723, 2019 (SCI-Expanded)
- XXIX. EFFECTS OF FENBUTATIN OXIDE ON ANTIOXIDANT SYSTEM OF DIFFERENT TISSUES IN *Cyprinus carpio* (L., 1758)
Ozkan-Yilmaz F., Ozluer-Hunt A., Gunduz S. G., Berköz M., Yalin S., Yildirim M.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.10, pp.6141-6148, 2017 (SCI-Expanded)
- XXX. Association between PON1 L55M polymorphism and PON1 enzyme activity in patients with leukemia Lösemi hastalarında PON1 L55M Polimorfizmi ile PON1 enzim aktivitesi arasındaki İlişki
Eras N., Tombak A., Tiftik N., Yalin S., Berköz M., Kul S., Akbas E.
UHOD - Uluslararası Hematoloji-Onkoloji Dergisi, vol.27, no.1, pp.21-28, 2017 (SCI-Expanded)
- XXXI. Can curcumin modulate allergic rhinitis in rats?
ACAR M., Muluk N. B., Yigitaslan S., CENGİZ B., Shojaolsadati P., Karimkhani H., ADA S., Berköz M., Cingi C.
Journal of Laryngology and Otology, vol.130, no.12, pp.1103-1109, 2016 (SCI-Expanded)
- XXXII. Is Nasal Polyposis Related to Levels of Serum Vitamin D and Vitamin D Receptor Gene Expression?
ERDAG O., Turan M., Ucler R., Berköz M., Garca M. F., Bozan N., Kiroğlu A. F., Cankaya H.
MEDICAL SCIENCE MONITOR, vol.22, pp.4636-4643, 2016 (SCI-Expanded)
- XXXIII. Determination of genotoxic effects of hookah smoking by micronucleus and chromosome aberration methods
Eker E. D., KOYUNCU H., Şahin N. Ö., YÜKSEL A., Berköz M., Diler S. B., Akgül S. A.
Medical Science Monitor, vol.22, pp.4490-4494, 2016 (SCI-Expanded)
- XXXIV. Antioxidant activities of curcumin in allergic rhinitis
ALTINTOPRAK N., KAR M., Acar M., Berköz M., Muluk N. B., Cingi C.
European Archives of Oto-Rhino-Laryngology, vol.273, no.11, pp.3765-3773, 2016 (SCI-Expanded)
- XXXV. Thymoquinone Reduces the Inflammatory Response in Adipocytes
Berköz M., Allahverdiyev O., YILDIRIM M., YALIN S.
ACTA PHYSIOLOGICA, vol.218, pp.50-51, 2016 (SCI-Expanded)
- XXXVI. Investigation of the association between chronic hepatitis B and C infections and TNF- α (-308) Gene polymorphism Kronik Hepatit B ve C Enfeksiyonları ile TNF- α (-308) Gen Polimorfizmi Arasındaki İlişkinin Araştırılması
Börekçi G., Aras N., Kandemir Ö., Yalin S., Karakaş Çelik S., Berköz M.
Mikrobiyoloji Bulteni, vol.50, no.2, pp.236-244, 2016 (SCI-Expanded)
- XXXVII. Effects of Dietary Nucleotide Yeast on Immune Responses and Antioxidant Enzyme Activities of Rainbow Trout Juveniles (*Oncorhynchus mykiss*)
ÖZLÜER HUNT A., ÖZKAN YILMAZ F., Berköz M., ENGİN K., Gunduz S. G., YALIN S.
ISRAELI JOURNAL OF AQUACULTURE-BAMIDGEH, vol.68, 2016 (SCI-Expanded)
- XXXVIII. EFFECTS OF METHIDATHION ON ANTIOXIDANT SYSTEM AND EXPRESSION OF HEAT SHOCK PROTEIN

- 70 (HSP70) GENE IN THE LIVER OF *Oreochromis niloticus* L. 1758**
ÖZKAN YILMAZ F., ÖZLÜER HUNT A., Gunduz S. G., Berköz M., YALIN S., ŞAHİN N. Ö.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.24, pp.2650-2658, 2015 (SCI-Expanded)
- XXXIX. Assessment of liver volume with computed tomography and comparison of findings with ultrasonography**
Bora A., ALPTEKIN C., Yavuz A., Batur A., AKDEMIR Z., Berköz M.
ABDOMINAL IMAGING, vol.39, no.6, pp.1153-1161, 2014 (SCI-Expanded)
- XL. Possible role of selective serotonin reuptake inhibitor sertraline on oxidative stress responses**
Battal D., Yalin S., Eker E. D., Aktas A., Sahin N. O., Cebo M., Berkoz M.
EUROPEAN REVIEW FOR MEDICAL AND PHARMACOLOGICAL SCIENCES, vol.18, no.4, pp.477-484, 2014 (SCI-Expanded)
- XLI. Effects of dietary selenium of organic form against lead toxicity on the antioxidant system in *Cyprinus carpio***
Özkan-Yilmaz F., Özluer-Hunt A., Gundüz S. G., Berköz M., Yalin S.
Fish Physiology and Biochemistry, vol.40, no.2, pp.355-363, 2014 (SCI-Expanded)
- XLII. The Effects of Fish Meal Replacement by Yeast Based Nucleotides on Growth, Body Composition and Digestive Enzyme Activity in Rainbow Trout Juveniles (*Onchorthyncus mykiss*)**
ÖZLÜER HUNT A., Yilmaz F. O., ENGİN K., Berköz M., Gunduz S. G., YALIN S., ŞAHİN N. Ö.
ISRAELI JOURNAL OF AQUACULTURE-BAMIDGEH, vol.66, 2014 (SCI-Expanded)
- XLIII. Promoter polymorphisms of IL18 gene in chronic hepatitis C patients Kronik hepatit C hastalarında IL18 promotor bölge polimorfizmi**
Karakaş-Çelik S., Börekçi G., Kandemir Ö., Yalin S., Berköz M., Bekalp I., Kubilay A., Aras N.
Gazi Medical Journal, vol.25, no.4, pp.125-127, 2014 (SCI-Expanded)
- XLIV. IRS-2 G1057D polymorphism in Turkish patients with colorectal cancer**
Hulya Yukseloglu E., Karakas Celik S., Urhan Kucuk M., Yalin E., Sebnem Ozkal S., ATES C., Berköz M., Yalin S., Aras Ates N.
Przeglad Gastroenterologiczny, vol.9, no.2, pp.88-92, 2014 (SCI-Expanded)
- XLV. Electrophysiological, biochemical and ultrastructural effects of radiotherapy on normal rat sciatic nerve.**
AKTAS S., COMELEKOGLU U., YILMAZ S., YALIN S., ARSLANTAS S., YILMAZ B., SOGUT F., Berkoz M., SUNGUR M.
International journal of radiation biology, vol.89, pp.155-61, 2013 (SCI-Expanded)
- XLVI. Role of Free Radicals on Retinitis Pigmentosa**
Tumay M., Hatungil R., Berkoz M., Yalin S., Erdogan S.
ASIAN JOURNAL OF CHEMISTRY, vol.25, no.3, pp.1561-1564, 2013 (SCI-Expanded)
- XLVII. The protective role of ascorbic acid (vitamin C) against chlorpyrifos-induced oxidative stress in *Oreochromis niloticus*.**
OZKAN F., GÜNDÜZ S., Berköz M., HUNT A., YALIN S.
Fish physiology and biochemistry, vol.38, pp.635-43, 2012 (SCI-Expanded)
- XLVIII. Effect of Cutaneous Leishmaniasis Treatment on Serum Adenosine/Deoxyadenosine Deaminase Activities**
Culha G., Berkoz M., Yalin S., Gulkan B.
ASIAN JOURNAL OF CHEMISTRY, vol.24, no.5, pp.1971-1974, 2012 (SCI-Expanded)
- XLIX. Ovariectomy decreases biomechanical quality of skin via oxidative stress in rat**
Comelekoglu U., Yalin S., Balli E., Berkoz M.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.42, no.2, pp.201-209, 2012 (SCI-Expanded)
- L. Strontium ranelate treatment improves oxidative damage in osteoporotic rat model**
Yalin S., Sagir O., Comelekoglu U., Berkoz M., Eroglu P.
PHARMACOLOGICAL REPORTS, vol.64, no.2, pp.396-402, 2012 (SCI-Expanded)
- LI. Effect of Funalia tropica in heart tissue of rats exposed to deltamethrin**
Yalin S., Comelekoglu U., Mazmancı B., Balli E., Eroglu P., Sogut F., Berkoz M., Mazmancı M. A., Yalin E., Unyayar A.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGİSİ, vol.37, no.3, pp.239-244, 2012 (SCI-Expanded)

- LII. **Rationale for an international consortium to study inherited genetic susceptibility to childhood acute lymphoblastic leukemia**
Sherborne A. L., Hemminki K., Kumar R., Bartram C. R., Stanulla M., Schrappe M., Petridou E., Semsei A. F., Szalai C., Sinnott D., et al.
HAEMATOLOGICA-THE HEMATOLOGY JOURNAL, vol.96, no.7, pp.1049-1054, 2011 (SCI-Expanded)
- LIII. **The association between cyclooxygenase-2 (COX-2/PTGS2) gene polymorphism and osteoarthritis**
Guler V. G., Yalin S., Berkoz M., Cimen O. B., Yalin E., Eroglu P., Kanik A.
EKLEM HASTALIKLARI VE CERRAHISI-JOINT DISEASES AND RELATED SURGERY, vol.22, no.1, pp.22-27, 2011 (SCI-Expanded)
- LIV. **Effects of Organic Selenium on Growth, Muscle Composition, and Antioxidant System in Rainbow Trout**
Hunt A. O., Berkoz M., Ozkan F., Yalin S., ERÇEN Z., ERDOĞAN E., Gunduz S. G.
ISRAELI JOURNAL OF AQUACULTURE-BAMIDGEH, vol.63, 2011 (SCI-Expanded)
- LV. **Effect of Mannan Oligosaccharide on Growth, Body Composition, and Antioxidant Enzyme Activity of Tilapia (*Oreochromis niloticus*)**
Ozluer-Hunt A., Berkoz M., Ozkan F., Yalin S., ERÇEN Z., ERDOĞAN E., Gunduz S. G.
ISRAELI JOURNAL OF AQUACULTURE-BAMIDGEH, vol.63, 2011 (SCI-Expanded)
- LVI. **Induction of micronuclei and other nuclear abnormalities in peripheral erythrocytes of Nile tilapia, *Oreochromis niloticus*, following exposure to sublethal cadmium doses**
Ozkan F., Gunduz S. G., Berkoz M., Hunt A. O.
TURKISH JOURNAL OF ZOOLOGY, vol.35, no.4, pp.585-592, 2011 (SCI-Expanded)
- LVII. **EFFECTS OF DIETARY SUPPLEMENTATION OF VITAMIN C ON LEVEL OF PROTEIN CARBONYL IN LIVER AND NUCLEAR ABNORMALITIES IN PERIPHERAL ERYTHROCYTES OF *Oreochromis niloticus***
Ozkan F., Gunduz S. G., Berkoz M., Hunt A. O., Yalin S.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.20, no.6A, pp.1520-1524, 2011 (SCI-Expanded)
- LVIII. **Effects of alendronate and risedronate therapy on hepatic antioxidant enzyme activity and lipid peroxidation in ovariectomized rats**
Yalin S., Comelekoglu U., Bagis S., Berkoz M., Eroglu P.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.40, no.4, pp.613-618, 2010 (SCI-Expanded)
- LIX. **Association of CYP2B6 G15631T polymorphism with acute leukemia susceptibility.**
Berköz M., YALIN S.
Leukemia research, vol.33, pp.919-23, 2009 (SCI-Expanded)
- LX. **Exposure to gamma rays induces early alterations in skin in rodents: Mechanical, biochemical and structural responses**
Ballı E., Comelekoglu U., Yalin E., Yilmaz N., Aslantas S., Sogut F., Berkoz M., Yalin S.
ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY, vol.72, no.3, pp.889-894, 2009 (SCI-Expanded)
- LXI. **Lipid peroxidation and antioxidant enzyme activity in acute leukemias Akut lösemilerde lipid peroksidasyonu ve antioksidan enzim aktivitesi**
Berköz M., Yalin S., Güler V. G., Yalçın A.
Erciyes Tip Dergisi, vol.30, no.3, pp.157-162, 2008 (SCI-Expanded)
- LXII. **Oxidative stress and antioxidant enzyme activities in patients with cutaneous leishmaniasis in endemic region of Hatay (Antioch)**
Culha G., Yalin E., Yalin S., Eroglu P., Berkoz M.
ASIAN JOURNAL OF CHEMISTRY, vol.19, no.4, pp.3113-3118, 2007 (SCI-Expanded)
- LXIII. **Cadmium induced changes in lipid peroxidation and antioxidant status in brain of ovariectomized rats**
Hatungil R., Yalin S., Comelekoglu U., Bagis S., Sahin N. O., Arslan H., Eroglu P., Berkoz M.
Asian Journal of Chemistry, vol.18, no.2, pp.1467-1473, 2006 (SCI-Expanded)

Articles Published in Other Journals

- I. **Investigation of protective roles of myricetin and quercetin against nephrotoxicity caused by malathion intoxication in rats**
Berköz M., Yiğit A.
Medicine Science, vol.12, no.2, pp.548-556, 2023 (Peer-Reviewed Journal)
- II. **Antioxidant and anti-inflammatory effect of olive leaf extract treatment in diabetic rat brain**
Berköz M., Kahraman T., Shamsulddin Z. N., Krośniak M.
Journal of Basic and Clinical Physiology and Pharmacology, vol.34, no.2, pp.187-196, 2023 (Scopus)
- III. **Anti-inflammatory Potential of Thymoquinone in Tumor Necrosis Factor-alpha Stimulated SW982 Human Synovial Fibroblasts**
Berköz M., Yunusoglu O., Krosniak M., Francik R.
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Aslan A., Allahverdiyev O., Berköz M., Battal A., Project Supported by Higher Education Institutions, Etil Alkol ile Oluşturulan Karaciğer Toksikasyonunda *Usnea longissima* ve *Xanthoparmelia somloensis* Ekstraktlarının Oksidatif Stres ve Enflamasyon Üzerine Koruyucu Etkisinin Araştırılması, 2018 - 2021

Berköz M., AKKUŞ Y., Project Supported by Higher Education Institutions, Aç farelere skopolamin uygulanması ve yem verilmesi ile oluşan konvülsiyonlarda MK801in beyin dokusundaki oksidatif stres inflamasyon ve ghrelin düzeylerine etkilerinin araştırılması, 2019 - 2020

Berköz M., Project Supported by Higher Education Institutions, Timokinonun adipositlerdeki enflamatuvardan yanıt üzerine etkisinin incelenmesi, 2019 - 2020

Aslan A., Bozkurt A., Battal A., Berköz M., Allahverdiyev O., Project Supported by Higher Education Institutions, Bazı Liken Türleri ve Onlardan İzole Edilen Üsnik Asidin Pentilentetrazol Kindling Epilepsi Modelinde Deneysel Olarak Antiepileptik Potansiyelinin Davranışsal ve Biyokimyasal Düzeyde Araştırılması, 2019 - 2020

Berköz M., YALIN S., YILDIRIM M., YALIN S., Allahverdiyev O., Project Supported by Higher Education Institutions, Sığanlarda siklofosfamid ile oluşturulmuş oksidatif stres ve inflamasyona karşı kaempferol hesperidin mirisetin apigenin ve epigallocateşin gallatın olası koruyucu etkilerinin araştırılması, 2019 - 2020

Berköz M., Project Supported by Higher Education Institutions, Kiraz çekirdeğinin preadipositlerin farklılaşmasına olan etkisinin transkripsiyon faktörleri üzerinden incelenmesi, 2018 - 2019

Yunusoğlu O., Berköz M., YILDIRIM M., Türkmen Ö., Project Supported by Higher Education Institutions, Aloe vera ekstraktının preadipositlerin farklılaşmasına olan etkisinin transkripsiyon faktörleri üzerinden incelenmesi, 2016 - 2017

Scientific Refereeing

Project Supported by Higher Education Institutions, June 2020

Project Supported by Higher Education Institutions, February 2020

GENERAL PHYSIOLOGY AND BIOPHYSICS, SCI Journal, December 2019

MEDICAL SCIENCE MONITOR, SCI Journal, March 2019

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Medical Science Monitor Basic Research, Other Indexed Journal, December 2018

Van Tip Dergisi, National Scientific Refreed Journal, December 2017

Metrics

Publication: 148

Citation (WoS): 341

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H-Index (Scopus): 13

Congress and Symposium Activities

V. International Congress on Natural and Health Sciences (ICNHS-2019), Session Moderator, Adana, Turkey, 2019

3rd International Conference on Agriculture, Food, Veterinary and Pharmacy Sciences (ICAFOP), Session Moderator, Trabzon, Turkey, 2019

Çukurova I. Uluslararası Multidisipliner Çalışmalar Kongresi, Session Moderator, Adana, Turkey, 2018
International Conference on Agriculture, Forest, Food, Veterinary Sciences and Technologies (ICAFOF-2018), Session Moderator, İzmir, Turkey, 2018

Non Academic Experience

Jageillonian Üniversitesi Eczacılık Fakültesi Bromatoloji Anabilim Dalı, Krakow
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