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Eğitim Bilgileri

Doktora, Karadeniz Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Türkiye 2020 - Devam Ediyor

Yüksek Lisans, Karadeniz Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Türkiye 2018 - 2020

Yüksek Lisans, Eskişehir Osmangazi Üniversitesi, Sağlık Bilimleri Enstitüsü, Temel Tıp , Türkiye 2015 - 2018

Lisans Yandal, Anadolu Üniversitesi, Eczacılık Fakültesi, Eczacılık, Türkiye 2011 - 2015

Ön Lisans, Anadolu Üniversitesi, Açıköğretim Fakültesi, Sağlık Kurumları İşletmeciliği, Türkiye 2011 - 2014

Lisans, Anadolu Üniversitesi, Fen Fakültesi, Kimya Bölümü, Türkiye 2009 - 2014

Sertifika, Kurs ve Eğitimler

Sağlık ve Tıp, Certificate of education and training in the care and use of laboratory animals, Eskişehir Osmangazi Üniversitesi Hayvan Deneyleri Yerel Etik Kurulu, 2016

Araştırma Alanları

Kimya, Biyokimya, Temel Bilimler

Akademik Unvanlar / Görevler

Araştırma Görevlisi, Karadeniz Teknik Üniversitesi, Fen Fakültesi, Kimya, 2018 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- Physicochemical Characteristics, Phenolic Components, and Antioxidant Capacities of Lavender Honey (Lavandula Spp.) from Isparta Region of Türkiye**
KOLAYLI S., Can Z., KARA Y., ÖZKÖK A., Ozmert Ergin S., Kemal M., DEMİR KANBUR E.
Chemistry and Biodiversity, cilt.21, sa.9, 2024 (SCI-Expanded)
- Strawberries from Konya in the Central Anatolia Region of Türkiye: Phenolic Profile, Antioxidant Potential and Mineral Composition**
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- III. **Determination of phenolic content and bioactive characterization of Anatolian propolis**
Can Z., Birinci C., KARA Y., Esertaş Ü. Z. Ü., KOLAYLI S.
European Food Research and Technology, cilt.250, sa.7, ss.2059-2068, 2024 (SCI-Expanded)
- IV. **In Vitro Determination of Nitric Oxide Synthase Inhibition, Antioxidant Capacity and Phenolic Content of Various Natural Products (Bee and Herbal Products)**
YAYLACI KARAHALİL F., Bakirhan F., KARA Y.
Chemistry and Biodiversity, cilt.21, sa.5, 2024 (SCI-Expanded)
- V. **Comparison of biochemical and nutritional properties of bee pollen samples according to botanical differences**
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- VI. **A Study on Recognizing the Value of Chestnut (*Castanea sativa*) Blossom Waste**
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- VII. **Antioxidant activity and phenolic content of bee breads from different regions of Türkiye by chemometric analysis (PCA and HCA)**
Can Z., Gıdık B., KARA Y., KOLAYLI S.
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- VIII. **Antioxidant activity and phenolic composition of propolis from Marmara region, Turkey**
Can Z., Kara Y., Kolaylı S., Çakmak İ.
JOURNAL OF APICULTURAL RESEARCH, cilt.63, sa.3, ss.542-548, 2024 (SCI-Expanded)
- IX. **Synthesis of Arylsulfonyl Hydrazone Derivatives: Antioxidant Activity, Acetylcholinesterase Inhibition Properties, and Molecular Docking Study**
Demirci Y., Kalay E., Kara Y., Güler H. İ., Can Z., Şahin E.
ChemistrySelect, cilt.8, sa.29, 2023 (SCI-Expanded)
- X. **An investigation of the anti-hypertensive effect of mad honey and *Rhododendron luteum* sweet extract induced by N- ω-Nitro L-Arginine Methyl Ester (L-NAME) in rats**
ÇAKIR H., Malkoç M., Sahin H., KARA Y., KOLAYLI S.
INDIAN JOURNAL OF TRADITIONAL KNOWLEDGE, cilt.22, sa.3, ss.646-654, 2023 (SCI-Expanded)
- XI. **The botanical, physicochemical, and biochemical characteristics of Northern Cyprus honeys**
Uçar M., Kemal M., Kanbur E. D., Kara Y., Özçelik A. E., Kolaylı S.
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- XII. **Characterization of the black cumin (*Nigella sativa* L.) honey from Türkiye**
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- XIII. **A melissopalynological and chemical characterization of Anatolian propolis and an assessment of its antioxidant potential**
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- XIV. **The phenolic composition, aroma compounds, physicochemical and antimicrobial properties of *Nigella sativa* L. (black cumin) honey**
Kolaylı S., Kazaz G., Özkök A., Keskin M., Kara Y., Demir Kanbur E., Erturk O.
EUROPEAN FOOD RESEARCH AND TECHNOLOGY, cilt.249, sa.3, ss.653-664, 2023 (SCI-Expanded)
- XV. **Six Algerian plants: Phenolic profile, antioxidant, antimicrobial activities associated with different simulated gastrointestinal digestion phases and antiproliferative properties**
Er Kemal M., Bakchiche B., Kemal M., Cheraif K., Kara Y., Bardaweel S. K., Miguel M. G., Yıldız O., Ghareeb M. A.
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- XVI. **1,3,4-Thiadiazole and 1,2,4-triazole-5-thione derivatives bearing 2-pentyl-5-phenyl-2,4-dihydro-3H-1,2,4-triazole-3-one ring: Synthesis, molecular docking, urease inhibition, and crystal structure**
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- ARCHIV DER PHARMAZIE, cilt.356, sa.1, 2023 (SCI-Expanded)
- XVII. **The Antimicrobial, Anti-Quorum Sensing, and Anti-Biofilm Activities of Ethanolic Propolis Extracts Used as Food Supplements**
KOLAYLI S., Esertas U. Z. U., KARA Y.
BIOLOGY BULLETIN, cilt.49, sa.SUPPL 3, 2022 (SCI-Expanded)
- XVIII. **A comparative study of antimicrobial, anti-quorum sensing, anti-biofilm, anti-swarming, and antioxidant activities in flower extracts of pecan (*Carya illinoensis*) and chestnut (*Castanea sativa*)**
Esertas U. Z. U., Kara Y., Kılıç A. O., Kolaylı S.
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- XIX. **Determination of Bioactivity and Antimicrobial Activity of Bumblebee (*Bombus terrestris* L.) Brood Cover Wax Material**
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JOURNAL OF THE HELLENIC VETERINARY MEDICAL SOCIETY, cilt.73, sa.3, ss.4485-4492, 2022 (SCI-Expanded)
- XX. **What Should Be the Ideal Solvent Percentage and Solvent-Propolis ratio in the Preparation of Ethanolic Propolis Extract?**
KARA Y., Can Z., KOLAYLI S.
FOOD ANALYTICAL METHODS, cilt.15, sa.6, ss.1707-1719, 2022 (SCI-Expanded)
- XXI. **Does Ethanolic Propolis Extract Affect Blood Clotting Parameters?**
Kolaylı S., Sahin H., Malkoc M., Cakir H. E., Kara Y., Bektas O., Kaltalioglu K.
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- XXII. **Evaluation of Stabilized Chlorine Dioxide in Terms of Antimicrobial Activity and Dentin Bond Strength**
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COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING, cilt.25, sa.9, ss.1427-1436, 2022 (SCI-Expanded)
- XXIII. **Applicability of Phenolic Profile Analysis Method Developed with RP-HPLC-PDA to some Bee Product**
KARA Y., Can Z., Kolaylı S.
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- XXIV. **Optimization of Extraction Parameters of Ethanol Extracts of Propolis Samples Using Artificial Neural Network and Moth-Flame Optimization Algorithm**
GÜRGEN A., Serencam H., KARA Y., Can Z., YILDIZ S.
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- XXV. **Cloning, biochemical characterization and molecular docking of novel thermostable beta-glucosidase BglA9 from *Anoxybacillus ayderensis* A9 and its application in de-glycosylation of Polydatin**
Zada N. S., Belduz A. O., Güler H. İ., Sahinkaya M., Khan S. I., Saba M., Bektas K., Kara Y., Kolaylı S., Badshah M., et al.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.193, ss.1898-1909, 2021 (SCI-Expanded)
- XXVI. **Comparative effects of metformin and *Cistus laurifolius* L. extract in streptozotocin-induced diabetic rat model: oxidative, inflammatory, apoptotic, and histopathological analyzes**
Hacioglu C., KAR F., KARA Y., Yucel E., Donmez D. B., ŞENTÜRK H., KANBAK G.
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- XXVII. **Effects of Curcumin and Boric Acid Against Neurodegenerative Damage Induced by Amyloid Beta (1-42)**
Hacioglu C., Kar F., KAR E., KARA Y., KANBAK G.
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- XXVIII. **An investigation of algerian dates (*Phoenix dactylifera* L.); antioxidant, anti-inflammatory properties and phenolic compositons**
Chenini-Bendiab H., Djebli N., Kara Y., Uçar M., KOLAYLI S.
Emirates Journal of Food and Agriculture, cilt.33, sa.8, ss.629-638, 2021 (SCI-Expanded)
- XXIX. **Targeting CoV-2 spike RBD and ACE-2 interaction with flavonoids of Anatolian propolis by in silico and in vitro studies in terms of possible COVID-19 therapeutics**
Güler H. İ., Sal F., Can Z., Kara Y., Yıldız O., Beldüz A. O., Çanakçı S., Kolaylı S.
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- XXX. **Effects of N-nitro L-arginine methyl ester and alpha-tocopherol on testicular oxidative stress caused by exposure to cigarette smoke**
KARA Y., AKYÜZ F.
ANDROLOGIA, cilt.51, sa.9, 2019 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **RP-HPLC-PDA'da geliştirilen fenolik profil analiz yönteminin doğal ürünlerde kullanılabilirliği**
KARA Y., BİRİNCİ C.
Apiterapi ve Doğa Dergisi, cilt.7, sa.1, ss.14-27, 2024 (Hakemli Dergi)
- II. **Phenolic composition and antioxidant properties of black mulberry (<i>Morus</i> nigra l.) fruits and leaves**
KOLAYLI S., Asadov E., Huseynova A., Rahimova S., KARA Y.
JOURNAL OF WILDLIFE AND BIODIVERSITY, sa.2, ss.330-339, 2024 (ESCI)
- III. **Molecular docking study on acetylcholinesterase and urease enzyme inhibition effects of Amygdalin**
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- IV. **Ultrasonic extraction conditions using response surface methodology: total phenolic content of bee pollen**
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- V. **Determination of cytotoxic, anti-acetylcholinesterase and antioxidant activity of some medicinal Artemisia spp.**
CAN Z., ayazoglu demir e., AKAR Z., KARA Y., GIDİK B.
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- VI. **Alyssum filiforme Bitkisinin Antimikrobiyal, Antibiyofilm, Antioksidan Aktivitesinin ve Fenolik Profilinin Belirlenmesi**
Orçan İ., BÜLBÜL A. S., KARA Y.
Journal of advanced research in natural and applied sciences (Online), cilt.9, sa.1, ss.48-55, 2023 (Hakemli Dergi)
- VII. **DETERMINATION OF ANTI-UREASE ACTIVITY OF PROPOLIS FROM MARMARA REGION OF TURKEY**
CAN Z., KARA Y., KOLAYLI S.
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- VIII. **Comparative Study of Some Commercial Propolis Extract with New Prepared Ethanolic Propolis Extract**
Kara Y., Kolaylı S., Can Z.
Bee Studies, cilt.12, sa.2, ss.27-30, 2021 (Hakemli Dergi)
- IX. **Targeting CoV-2 Spike RBD: ACE-II complex with phenolic compounds from Cistus (Cistus L.) Bee Pollen for COVID-19 treatment by Molecular Docking Study**
GÜLER H. İ., KARA Y.
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- X. **Characteristic Properties of Spurge (Euphorbia macroclada Boiss.) Honey in Diyarbakır Region**
Kara Y., Can Z., Birinci C., Birinci E.
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- XI. **Geographical Fingerprint Of Astragalus (Astragalus Microcephalus Willd.) Honey Supplied From Erzincan Region Of Turkey**
Kara Y., Şahin H., Kolaylı S.
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- XII. **Phenolic Composition of Pine (Pinus spp.) Honey from Turkey**
Kara Y.
Journal of Apitherapy and Nature, cilt.2, sa.2, ss.52-58, 2020 (Hakemli Dergi)

- XIII. **Phenolic Composition And Antioxidant Properties Of Anzer Honey From Black Sea Region Of Turkey**
Malkoç M., Çakır H. E., Kara Y., Can Z., Kolaylı S.
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- XIV. **HPLC analyses of polyphenolic compounds in oak (Quercus frainetto) honey from Kırklareli region of Turkey**
Kara Y., Can Z., Kolaylı S.
Turkish Journal of Analytical Chemistry, cilt.1, sa.1, ss.17-20, 2019 (Hakemli Dergi)
- XV. **KARAÇALI (Paliurus spina-christi Mill.) BALININ KARAKTERİSTİK ÖZELLİKLERİ**
MALKOÇ M., KARA Y., Özkök A., Ertürk Ö., KOLAYLI S.
Uludağ Arıcılık Dergisi, cilt.19, sa.1, ss.69-81, 2019 (Scopus)
- XVI. **Sigara Dumanına Maruz Kalan Sıçanlarda Lipit Profili ve Karaciğer Fonksiyon Testleri Üzerine L - NAME ve Vitamin E'xxnin Etkileri**
AKYÜZ F., KARA Y., KAR F., HACIOĞLU C.
Osmangazi Tıp Dergisi, cilt.41, ss.39-45, 2019 (Hakemli Dergi)
- XVII. **Protective Effect of Vitamin E and N-Nitro L-Arginine Methyl Ester (L-NAME) on Cigarette Induced Kidney Damage**
AKYÜZ F., KARA Y., KAR F., HACIOĞLU C., BURUKOĞLU DÖNMEZ D.
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Kitap & Kitap Bölümleri

- I. **İKLİM DEĞİŞİKLİĞİ, ARILAR VE ARICILIK**
KOLAYLI S., KARA Y.
Zamanın İzleri: İklim Değişikliği, Editör, KTÜ Matbaası, ss.312-330, 2022
- II. **PROPOLİS, POLEN VE ARI SÜTÜNÜN APİTERAPİK AÇIDAN ÖNEMİ**
CAN Z., ŞAHİN H., KARA Y.
TARIMSAL ÜRETİMDE GÜNCEL YAKLAŞIMLAR, Editör, Iksad Publications, ss.129-148, 2022
- III. **EKONOMİK AÇIDAN ÖNEMLİ OLAN SAFRAN(CROCUS SATIVUS L.) BİTKİSİNİN BİYOAKTİF ÖZELLİKLERİ**
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- IV. **Total fenolik içerik tayinleri**
Çakır H., KARA Y., MALKOÇ M.
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Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Characteristics of Flower Honey from Artvin Ardanuç Region: A Case Study**
UÇAR M., KARA Y., KOLAYLI S.
I. INTERNATIONAL APITHERAPY AND NATURE CONGRESS, Azerbaycan, 1 - 03 Haziran 2023
- II. **Determination of the Ideal Extract Options for Bee Bread by Ultrasound-Assisted Extraction**
ŞAHİN H., CAN Z., KARA Y., YILMAZ A.
I. INTERNATIONAL APITHERAPY AND NATURE CONGRESS, Azerbaycan, 1 - 03 Haziran 2023
- III. **ANTIOXIDANT PROPERTIES AND PHENOLIC COMPONENTS IN THE LEAF OF ISABELLA GRAPE (Vitis labrusca L.)**
UÇAR M., KARA Y., KOLAYLI S.
International Conference on Global Practice of Multidisciplinary Scientific Studies-IV, Kıbrıs (Kkct), 28 - 30 Nisan 2023

- IV. **Evaluation of in vitro Bioactive Properties of Sakarca Plant (*Ornithogalum umbellatum*)**
ARIKAN MALKOÇ M., KARA Y., KOLAYLI S.
AGRO ULUSLARARASI TARIM KONGRESİ, Azerbaycan, 4 - 06 Haziran 2022
- V. **SAKARCA BİTKİSİNİN (*Ornithogalum umbellatum*) İN VİTRO BİYOAKTİF ÖZELLİKLERİNİN DEĞERLENDİRİLMESİ**
ARIKAN MALKOÇ M., KARA Y., KOLAYLI S.
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- VI. **PHENOLIC COMPOSITION AND ANTIOXIDANT PROPERTIES OF PARSLEY (*PETROSELINUM CRISPUM*) HONEY FROM TURKEY**
UÇAR M., KARA Y., KOLAYLI S.
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- VII. **Chemical And Biological Activities Of Aqueous And Ethanolic Extracts Of *Carya Illinoensis* Flowers**
Kara Y., Üreyen Esertaş Ü. Z., Kılıç A. O., Kolaylı S.
III. International Agricultural, Biological & Life Science Conference, Edirne, Türkiye, 01 Eylül 2021, ss.166
- VIII. **PROPOLIS and EXTRACTION WITH DIFFERENT SOLVENTS**
Kara Y., Elsever A., Kolaylı S.
INTERNATIONAL ASIAN CONGRESS ON CONTEMPORARY SCIENCES-V, Nakhchivan, Azerbaycan, 01 Haziran 2021, ss.309-312
- IX. **A Comparison of Commercial Propolis Extracts in Terms of Analysis Results**
Kara Y., Kolaylı S.
1st JOINT INTERNATIONAL APITHERAPY CONGRESS, İstanbul, Türkiye, 20 Mayıs 2021, ss.55
- X. **What should be the ideal rate for Ethanolic Propolis Extraction?**
Kara Y., Can Z., Kolaylı S.
1st JOINT INTERNATIONAL APITHERAPY CONGRESS, İstanbul, Türkiye, 20 Mayıs 2021, ss.57-60
- XI. **SOME CHARACTERISTIC PROPERTIES OF BEE BREAD (Perga) from TURKEY**
Kolaylı S., Kara Y., Can Z.
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- XII. **DETERMINATION OF PHENOLIC COMPOUND AND ANTIOXIDANT ACTIVITY OF PROPOLIS SAMPLE COLLECTED IN BAYBURT REGION**
CAN Z., ŞAHİN H., KOLAYLI S., KARA Y.
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- XIII. **Bioactive Properties of *Cistus* (*Cistus L.*) Bee Pollen**
MALKOÇ M., KESKİN M., KARA Y., CAN Z., KOLAYLI S.
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- XIV. **PHENOLIC COMPOSITION AND ANTIOXIDANT CAPACITY OF BEE BREAD (Perga)**
KOLAYLI S., CAN Z., KARA Y.
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- XV. **ANTIOXIDANT PROPERTIES OF CHESTNUT FLOWERS TEA (*Castania sativa L.*)**
KOLAYLI S., Birinci P., KARA Y.
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- XVI. **Çörek Otu (*Nigella Sativa L.*) Balının Fenolik Kompozisyonu**
Kara Y., Keskin M., Arıkan Malkoç M.
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- XVII. **Antioxidant activity, physical and chemical properties of different honeys from Turkey**
Kara Y., Can Z., Otman A., Kolaylı S.
2ND INTERNATIONAL EURASIAN CONFERENCE ON BIOLOGICAL AND CHEMICAL SCIENCES, Ankara, Türkiye, 28 - 29 Haziran 2019
- XVIII. **Antioxidant properties of isabella grape (*Vitis labrusca L.*) phenolic composition**

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- XIX. **Phenolic compounds, antioxidant and antimicrobial activity of Astragalus honeys from Turkey**
Can Z., Kara Y., Kolaylı S.
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- XX. **The inhibitory role of chestnut honey on urease enzyme to the treatment of gastric diseases**
Kara Y., Can Z., Kolaylı S.
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- XXI. **Inhibition Effect of Ethanolic Propolis Extracts on Cholesterol Esterase**
KESKİN M., ADEM Ş., KARA Y., KOLAYLI S.
3. International Conference on Agriculture, Food, Veterinary and Pharmacy Science, 16 - 18 Nisan 2019
- XXII. **CISTUS LAURIFOLIUS, AMELIORATES THE LEVELS OF INSULIN, AMYLASE AND LIPASE IN DIABETIC RATS**
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- XXIII. **RENAL ISCHEMIA-REPERFUSION EFFECT ON SPLEEN ASREMOTE TISSUE DAMAGE AND ROLE OF BORIC ACID**
KAR F., HACIOĞLU C., KAR E., KARA Y., ŞENTÜRK H., KANBAK G.
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- XXIV. **NEUROPROTECTIVE EFFECTS OF BORIC ACID ON BRAIN AGAINST RENAL ISCHEMIA/REPERFUSION INJURY**
HACIOĞLU C., KAR F., KAR E., KARA Y., ŞENTÜRK H., KANBAK G.
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- XXV. **RENAL İSKEMİ/REPERFÜZYONUN SEBEP OLDUĞU KALP DOKU HASARINA BORİK ASİTİN ETKİSİ**
KARA Y., HACIOĞLU C., KAR F., KAR E., ŞENTÜRK H., KANBAK G.
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- XXVI. **Investigation of the effect of L-NAME (N-Nitro L-Arginine Methyl Ester) and Vitamin E (α -tocopherol) on oxidative damage of liver tissue resulting from cigarette smoke exposure in male rats**
KARA Y., ERKMEN T., BURUKOĞLU DÖNMEZ D., ÖZ S., HACIOĞLU C., YAVER E., KAR F., ERDAŞ M., AKYÜZ F.
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- XXVII. **Examination of the effects of L-NAME (N-Nitro L-Arginine Methyl Ester) and Vitamin E (α -tocopherol) on some blood parameters changing after cigarette smoke exposure in male rats**
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- XXVIII. **Examination of the protective effect of L-NAME (N-Nitro L-Arginine Methyl Ester) and vitamin E (α -tocopherol) against oxidative stress caused by exposure of cigarette smoke to lungs in male rats**
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Metrikler

Yayın: 80

Atıf (WoS): 98

Atıf (Scopus): 147

H-İndeks (WoS): 6

H-İndeks (Scopus): 8

Ödüller

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