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Education Information

Doctorate, Karadeniz Technical University, -, Biyokimya, Turkey 1995 - 2001

Postgraduate, Karadeniz Technical University, -, Biyokimya, Turkey 1993 - 1995

Undergraduate, Middle East Technical University, Faculty Of Engineering, Department Of Chemical Engineering, Turkey 1987 - 1993

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Biochemistry, Natural Sciences

Academic Titles / Tasks

Professor, Karadeniz Technical University, Temel Tıp, Tıbbi Biyokimya, 2014 - Continues

Academic and Administrative Experience

Karadeniz Technical University, 2015 - Continues

Courses

TIP106, Undergraduate, 2015 - 2016, 2014 - 2015

Advising Theses

KURAL B., L-theaninin doksorubisin uygulanan sıçanlarda nefrotoksisite üzerine etkilerinin incelenmesi, Doctorate, Y.ALTINKAYNAK(Student), 2018

KURAL B., Çözünür siyah çayın hepatosit hücre serilerinde (HEPG2) paraoksonaz-1 ekspresyonuna etkisinin incelenmesi, Postgraduate, H.HAJIZADEH(Student), 2015

KURAL B., Bazı lipid düşürücü ilaçların serum paraoksonaz-1 enzimine afinitelerinin docking metodu ile incelenmesi,

Postgraduate, Z.DÜZGÜN(Student), 2013

KURAL B., Postprandiyal lipemide adipokinlerin seviyeleri, Doctorate, N.KÜÇÜK(Student), 2012

KURAL B., Fındık tüketiminin hiperkolesterolemik şahısların eritrosit membranı lipid ve protein oksidasyonuna etkisi, Postgraduate, G.OKUR(Student), 2008

KURAL B., Karalahananın lipoproteinlerin oksidasyonuna etkisi, Postgraduate, N.KÜÇÜK(Student), 2007

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **How does L-theanine treatment affect the levels of serum and hippocampal BDNF, insulin and adipocytokines in diabetic rats?**
Hajizadeh Tekmeh H., Vanizor Kural B., Kör S., Arıkan Malkoç M., Yuluğ E., Kutlu A., Abidin İ., Örem A.
BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, vol.667, pp.95-103, 2023 (SCI-Expanded)
- II. **Caution may be required in using L-theanine in diabetes mellitus: A study on the rats**
Vanizor Kural B., Azi Mohamed S., Kör S., Arıkan Malkoç M., Yuluğ E., Hajizadeh Tekmeh H., Örem A.
Biochemical and Biophysical Research Communications, vol.666, pp.170-178, 2023 (SCI-Expanded)
- III. **In silico investigation of the interactions of certain drugs proposed for the treatment of Covid-19 with the paraoxonase-1**
Duzgun Z., KURAL B., ÖREM A., YILDIZ İ.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.41, no.3, pp.884-896, 2023 (SCI-Expanded)
- IV. **An increased disulfide/native thiol ratio and oxidative stress index in metabolic syndrome patients with postprandial lipemia**
Yaman S. O., Yucesan F., ÖREM A., ÖREM C., KURAL B., YAMAN H.
INTERNATIONAL JOURNAL OF DIABETES IN DEVELOPING COUNTRIES, vol.43, no.1, pp.125-133, 2023 (SCI-Expanded)
- V. **Elevated Circulating Endocan Levels Are Associated with Increased Levels of Endothelial and Inflammation Factors in Postprandial Lipemia**
Ozer Yaman S., Balaban Yücesan F., Örem C., Vanizor Kural B., Örem A.
JOURNAL OF CLINICAL MEDICINE, vol.12, no.4, 2023 (SCI-Expanded)
- VI. **The effect of L-theanine on the oxidant-antioxidant balance in serum and lung tissue in experimentally induced sepsis in rats**
Arıkan Malkoç M., Patan H., Özer Yaman S., Türedi S., Ersöz Ş., Kural B., Örem A.
INDIAN JOURNAL OF BIOCHEMISTRY & BIOPHYSICS, vol.59, no.2, pp.139-147, 2022 (SCI-Expanded)
- VII. **Endothelial Progenitor Cell Levels and Extent of Post-prandial Lipemic Response**
Akcan B., oerem A., Altinkaynak Y., Kural B., oerem C., Soenmez M., Serafini M.
FRONTIERS IN NUTRITION, vol.9, 2022 (SCI-Expanded)
- VIII. **Effects of hazelnut supplemented diet on doxorubicin-induced damage of reproductive system in male rats**
Kara H., ÖREM A., YULUĞ E., Yucesan F., KERİMOĞLU G., KURAL B., Yaman S. O., Bodur A., Turedi S., Alasalvar C.
JOURNAL OF FOOD BIOCHEMISTRY, vol.45, no.11, 2021 (SCI-Expanded)
- IX. **Effects of L-Theanine on Hepatic Ischemia-Reperfusion Injury in Rats.**
Küçükaslan H., Usta A., Uluşahin M., Ercin M. E., Patan H., Vanizor Kural B., Alhan E.
Experimental and clinical transplantation : official journal of the Middle East Society for Organ Transplantation, 2021 (SCI-Expanded)
- X. **Evaluation of circulating miR-122, miR-30c and miR-33a levels and their association with lipids, lipoproteins in postprandial lipemia**
Yaman S. O., Örem A., Yucesan F., Kural B., Örem C.
Life Sciences, vol.264, 2021 (SCI-Expanded)
- XI. **Anti-inflammatory, antioxidant and wound-healing effects of mad honey in streptozotocin-induced diabetic rats**
Malkoç M., Özer Yaman S., Imamoglu Y., Ince I., Kural B., Aydın Mungan S., Livaoğlu M., Yıldız O., Kolaylı S., Örem A.

JOURNAL OF APICULTURAL RESEARCH, vol.59, no.4, pp.426-436, 2020 (SCI-Expanded)

- XII. **L-theanine alleviates liver and kidney dysfunction in septic rats induced by cecal ligation and puncture**
Malkoç M., Patan H., Özer Yaman S., Türedi S., Kerimoğlu G., Kural B., Örem A.
LIFE SCIENCES, vol.249, 2020 (SCI-Expanded)
- XIII. **The relationship between dermatological findings and serum interleukin 31 and serum uridine diphosphate glucose ceramide glucosyltransferase levels among patients with chronic kidney disease.**
Güvercin B., Kaynar K., Arıca D., Kural B., Ulusoy Ş., Cansız M., Selçuk L., Akyüz A., Kolaylı C.
Hippokratia, vol.23, no.2, pp.75-80, 2019 (SCI-Expanded)
- XIV. **Blood levels of agouti-related peptide (AgRP), obestatin, corticosteroid-binding globulin (CBG), and cortisol in patients with bipolar disorder (BD): a case-control study**
Karaguzel E. O., KURAL B., Tiryaki A., Altun I. K., ÖZER YAMAN S., CİVİL ARSLAN F.
PSYCHIATRY AND CLINICAL PSYCHOPHARMACOLOGY, vol.29, no.1, pp.14-20, 2019 (SCI-Expanded)
- XV. **Ethyl pyruvate treatment ameliorates pancreatic damage: evidence from a rat model of acute necrotizing pancreatitis**
Türkyılmaz S., Çekiç A. B., Usta A., Alhan E., Kural B., Ercin C., Sağlam K.
ARCHIVES OF MEDICAL SCIENCE, vol.15, no.1, pp.232-239, 2019 (SCI-Expanded)
- XVI. **Protective effects of L-theanine against doxorubicin-induced nephrotoxicity in rats**
Altinkaynak Y., KURAL B., Akcan B. A., Bodur A., ÖZER YAMAN S., YULUĞ E., AYDIN MUNGAN S., Kaya C., ÖREM A.
BIOMEDICINE & PHARMACOTHERAPY, vol.108, pp.1524-1534, 2018 (SCI-Expanded)
- XVII. **Relationship between postprandial lipemia and atherogenic factors in healthy subjects by considering gender differences**
Örem A., Yaman S. O., Altinkaynak B., Kural B., Yucesan F., Altinkaynak Y., Örem C.
CLINICA CHIMICA ACTA, vol.480, pp.34-40, 2018 (SCI-Expanded)
- XVIII. **The effects of royal jelly on the oxidant-antioxidant system in rats with N-methyl-N-nitrosourea-induced breast cancer**
MALKOÇ M., Altay D. U., ALVER A., ERSÖZ Ş., Sen T. M., KURAL B., Uydu H. A.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.43, no.2, pp.176-183, 2018 (SCI-Expanded)
- XIX. **Native high-density lipoprotein and melatonin improve platelet response induced by glycated lipoproteins**
ÖZSAVCI D., Nazlı A., BİNGÖL ÖZAKPINAR Ö., Yanıkkaya Demirel G., Vanızor Kural B., ŞENER A.
Folia Biologica (Czech Republic), vol.64, no.4, pp.144-152, 2018 (SCI-Expanded)
- XX. **Cardio-protective effects of phytosterol-enriched functional black tea in mild hypercholesterolemia subjects**
ÖREM A., ALAŞALVAR C., Kural B., Yaman S., ÖREM C., KARADAG A., PELVAN E., Zawistowski J.
JOURNAL OF FUNCTIONAL FOODS, vol.31, pp.311-319, 2017 (SCI-Expanded)
- XXI. **Dexmedetomidine acts as an oxidative damage prophylactic in rats exposed to ionizing radiation**
Kutunis D., Ertürk E., Beşir A., Demirci Y., Kayır S., Akdoğan A., Kural B., Bahat Z., Canyılmaz E., Kara H.
JOURNAL OF CLINICAL ANESTHESIA, vol.34, pp.577-585, 2016 (SCI-Expanded)
- XXII. **Status of vitamin D, antioxidant enzymes, and antioxidant substances in neonates with neonatal hypoxic-ischemic encephalopathy**
MUTLU M., SARIAYDIN M., ASLAN Y., Kader Ş., DEREÇİ S., KART C., YAMAN S., KURAL B.
JOURNAL OF MATERNAL-FETAL & NEONATAL MEDICINE, vol.29, no.14, pp.2259-2263, 2016 (SCI-Expanded)
- XXIII. **N acetylcysteine amid reduces pancreatic damage in a rat model of acute necrotizing pancreatitis**
TÜRKYILMAZ S., USTA M. A., ÇEKİC A. B., ALHAN E., KURAL B., Ercin M. C.
J Surg Res, 2016 (SCI-Expanded)
- XXIV. **Effects of glutamine alone on the acute necrotizing pancreatitis in rats**
Alhan E., USTA A., TÜRKYILMAZ S., Kural B. V., Ercin C.
JOURNAL OF SURGICAL RESEARCH, vol.193, no.1, pp.161-167, 2015 (SCI-Expanded)
- XXV. **Is the combined use of insulin resistance indices, including adipokines, more reliable in metabolic**

syndrome?

KURAL B., DEĞER O., Erem C., BALABAN YÜCESAN F., ALİYAZICIOĞLU R., Barlak Y.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.44, no.6, pp.1021-1028, 2014 (SCI-Expanded)

- XXVI. **Is There Any Interaction Of Resistin And Adiponectin Levels With Protein Energy Wasting Among Patients With Chronic Kidney Disease**
KAYNAR R. K., KURAL B., ULUSOY Ş., Cansız M., akçan b., MISIR N., Yaman S., KAYA N.
Hemodial Int, vol.18, pp.153-162, 2014 (SCI-Expanded)
- XXVII. **Is there any interaction of resistin and adiponectin levels with protein-energy wasting among patients with chronic kidney disease**
KAYNAR R. K., KURAL B., ULUSOY Ş., CANSIZ M., AKCAN B., MISIR N., YAMAN S., KAYA N.
HEMODIALYSIS INTERNATIONAL, vol.18, no.1, pp.153-162, 2014 (SCI-Expanded)
- XXVIII. **The Effects of high fat diets with and without N-Acetylcysteine supplementation on the lipin-1 levels of serum and various tissues in rats**
Kural B. V., ALVER A., Canpolat S., Kahraman C., Altay D. U., Kara H., Akcan B.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.39, no.1, pp.19-24, 2014 (SCI-Expanded)
- XXIX. **Is there any interaction of resistin and adiponectin levels with protein-energy wasting among patients with chronic kidney disease.**
Kaynar K., KURAL B., ULUSOY Ş., Cansiz M., Akcan B., MISIR N., Yaman S., Kaya N.
Hemodialysis international. International Symposium on Home Hemodialysis, vol.18, no.1, pp.153-62, 2014 (SCI-Expanded)
- XXX. **Effects of Clotrimazol on the Acute Necrotizing Pancreatitis in Rats**
Cekic A. B., Alhan E., Usta A., TÜRKYILMAZ S., Kural B. V., Ercin C.
INFLAMMATION, vol.36, no.6, pp.1576-1583, 2013 (SCI-Expanded)
- XXXI. **The role of adipocytokines on depressive symptoms of patients with chronic kidney disease.**
KAYNAR K., OZKORUMAK E., Kural B., ULUSOY Ş., CANSIZ M., AKCAN B., MISIR N., KELES I., Koc E.
Renal failure, vol.35, no.8, pp.1094-100, 2013 (SCI-Expanded)
- XXXII. **EFFECTS OF 17 beta-ESTRADIOL ON THE ACUTE NECROTIZING PANCREATITIS AFTER ONSET IN RATS**
Alhan E., CİNEL A., TÜRKYILMAZ S., Ercin C., KURAL B., Usta A.
EUROPEAN JOURNAL OF INFLAMMATION, vol.11, no.3, pp.675-683, 2013 (SCI-Expanded)
- XXXIII. **Hazelnut-enriched diet improves cardiovascular risk biomarkers beyond a lipid-lowering effect in hypercholesterolemic subjects**
ÖREM A., Yucesan F., Orem C., AKÇAN B., Kural B. V., ALAŞALVAR C., Shahidi F.
JOURNAL OF CLINICAL LIPIDOLOGY, vol.7, no.2, pp.123-131, 2013 (SCI-Expanded)
- XXXIV. **The Role Of Adipocytokines On Depressive Symptoms Of Patients With Chronic Kidney Disease**
Kaynar R. K., Özkorumak E., Kural B., Ulusoy Ş., Cansız M., Akçan B., Mısır N., Keleş Altun İ., Koç E.
Renal Failure, vol.35, pp.1094-1100, 2013 (SCI-Expanded)
- XXXV. **Sequence Variant in the LPIN1 gene in Patients with Metabolic Syndrome**
KURAL B. V., DEĞER O., Erem C., YUCESAN F., Barlak Y., Turan I., ALİYAZICIOĞLU R.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.38, no.3, pp.280-285, 2013 (SCI-Expanded)
- XXXVI. **IL-1 beta, IL-6, IL-8, IL-10, IFN-gamma, TNF-alpha and its relationship with lipid parameters in patients with major depression**
HOCAOĞLU Ç., KURAL B., ALİYAZICIOĞLU R., DEĞER O., Cengiz S.
METABOLIC BRAIN DISEASE, vol.27, no.4, pp.425-430, 2012 (SCI-Expanded)
- XXXVII. **The Effects of Atorvastatin Therapy on Rheological Characteristics of Erythrocyte Membrane, Serum Lipid Profile and Oxidative Status in Patients with Dyslipidemia**
Uydu H. A., YILDIRMIŞ S., ÖREM C., CALAPOĞLU M., ALVER A., KURAL B., ÖREM A.
JOURNAL OF MEMBRANE BIOLOGY, vol.245, no.11, pp.697-705, 2012 (SCI-Expanded)
- XXXVIII. **Does Nuclear Factor-Kappa B in Peripheral Mononuclear Cells Have a Prognostic Role during Acute Necrotizing Pancreatitis in Rats?**
Alhan E., TÜRKYILMAZ S., Ercin C., KURAL B., Flinte D.

- EUROPEAN SURGICAL RESEARCH, vol.48, no.1, pp.34-39, 2012 (SCI-Expanded)
- XXXIX. **Exogenous L-Arginine and HDL Can Alter LDL and ox-LDL-Mediated Platelet Activation: Using Platelet P-Selectin Receptor Numbers**
ŞENER A., Enc E., ÖZSAVCI D., Vanizor-Kural B., Yanikkaya-Demirel G., Oba R., Uras F., Demir M.
CLINICAL AND APPLIED THROMBOSIS-HEMOSTASIS, vol.17, no.6, 2011 (SCI-Expanded)
- XL. **Effects of kale (Brassica oleracea L. var. acephala DC) leaves extracts on the susceptibility of very low and low density lipoproteins to oxidation**
KURAL B. V., Kucuk N., YUCESAN F., ÖREM A.
Indian Journal of Biochemistry and Biophysics, vol.48, no.5, pp.361-364, 2011 (SCI-Expanded)
- XLI. **The Relationship Between the Peroxisome Proliferator-Activated Receptor Gamma 2 Gene Polymorphism, Lipids and Adipokines in Patients with Major Depression**
ALİYAZICIOĞLU R., DEĞER O., KURAL B. V., HOCAOĞLU Ç., Colak M., YUCESAN F.
TURKIYE KLINIKLERI TIP BILIMLERI DERGISI, vol.31, no.5, pp.1065-1072, 2011 (SCI-Expanded)
- XLII. **The effects of p53 inhibition using pifithrin-alpha on acute necrotizing pancreatitis in rats**
Alhan E., CİNEL A., Ercin M. C., TÜRKYILMAZ S., Kural B. V., Alper M., Filinte D.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.41, no.4, pp.673-683, 2011 (SCI-Expanded)
- XLIII. **Hazelnut consumption decreases the susceptibility of LDL to oxidation, plasma oxidized LDL level and increases the ratio of large/small LDL in normolipidemic healthy subjects**
Yucesan F., ÖREM A., Kural B. V., ÖREM C., Turan I.
ANATOLIAN JOURNAL OF CARDIOLOGY, vol.10, no.1, pp.28-35, 2010 (SCI-Expanded)
- XLIV. **HAZELNUT CONSUMPTION PROTECT LOW DENSITY LIPOPROTEIN (LDL) AGAINST OXIDATION AND DECREASE PLASMA OXIDIZED LDL LEVEL**
ÖREM A., BALABAN F., KURAL B., ÖREM C., TURHAN I.
ATHEROSCLEROSIS SUPPLEMENTS, vol.9, no.1, pp.215, 2008 (SCI-Expanded)
- XLV. **Effects of caffeic acid phenethyl ester on pancreatitis in rats**
TÜRKYILMAZ S., Alhan E., Ercin C., Vanizor B., KAKLIKKAYA N., ATEŞ B., ERDOĞAN S., TOPALOĞLU S.
JOURNAL OF SURGICAL RESEARCH, vol.145, no.1, pp.19-24, 2008 (SCI-Expanded)
- XLVI. **Effects of enalaprilat on acute necrotizing pancreatitis in rats**
TÜRKYILMAZ S., Alhan E., Ercin C., Vanizor B.
Inflammation, vol.30, no.6, pp.205-212, 2007 (SCI-Expanded)
- XLVII. **Treatment with lithium, alone or in combination with olanzapine, relieves oxidative stress but increases atherogenic lipids in bipolar disorder**
Yazicioglu R. A., Kural B., Colak M., KARAHAN S. C., Ayvaz S., Deger O.
Tohoku Journal of Experimental Medicine, vol.213, no.1, pp.79-87, 2007 (SCI-Expanded)
- XLVIII. **Effects of omega-3 fatty acids on acute necrotizing pancreatitis in rats**
Alhan E., Turkyilmaz S., Ercin C., Kaklikkaya N., Kural B. V.
EUROPEAN SURGICAL RESEARCH, vol.38, no.3, pp.314-321, 2006 (SCI-Expanded)
- XLIX. **Effects of lazaroid U-74389G on acute necrotizing pancreatitis in rats**
ALHAN E., TURKYILMAZ S., Ercin C., Kural B.
EUROPEAN SURGICAL RESEARCH, vol.38, no.2, pp.70-75, 2006 (SCI-Expanded)
- L. **TGF-beta and TNF-alpha producing effects of losartan and amlodipine on human mononuclear cell culture**
KAYNAR K., Ulusoy S., OVALI E., VANIZOR B., DIKMEN T., GUL S.
NEPHROLOGY, vol.10, no.5, pp.478-482, 2005 (SCI-Expanded)
- LI. **Effects of N-acetylcysteine on acute necrotizing pancreatitis in rats**
Mumcu S., Alhan E., Turkyilmaz S., Kural B., Ercin C., Kalyoncu N. İ.
EUROPEAN SURGICAL RESEARCH, vol.37, no.3, pp.173-178, 2005 (SCI-Expanded)
- LII. **Effects of the celecoxib on the acute necrotizing pancreatitis in rats**
ALHAN E., KALYONCU N. İ., Ercin C., Kural B.
INFLAMMATION, vol.28, no.5, pp.303-309, 2004 (SCI-Expanded)
- LIII. **Effects of melatonin on acute necrotizing pancreatitis in rats**

- ALHAN E., KALYONCU N. İ., Kural B., Ercin C.
ZEITSCHRIFT FUR GASTROENTEROLOGIE, vol.42, no.9, pp.967-972, 2004 (SCI-Expanded)
- LIV. **The effects of lipid-lowering therapy on paraoxonase activities and their relationships with the oxidant-antioxidant system in patients with dyslipidemia**
KURAL B., OREM C., UYDU H., ALVER A., Orem A.
CORONARY ARTERY DISEASE, vol.15, no.5, pp.277-283, 2004 (SCI-Expanded)
- LV. **Effect of plasma from patients with Behcet's disease on the production of nitric oxide in cultured human umbilical vein endothelial cells**
Orem A., ERTURK M., CIMSIT G., KURAL B.
MEDICAL PRINCIPLES AND PRACTICE, vol.13, no.1, pp.35-38, 2004 (SCI-Expanded)
- LVI. **Plasma homocysteine and its relationships with atherothrombotic markers in psoriatic patients**
KURAL B., Orem A., CIMSIT G., UYDU H., YANDI Y., ALVER A.
CLINICA CHIMICA ACTA, vol.332, pp.23-30, 2003 (SCI-Expanded)
- LVII. **Evaluation of the atherogenic tendency of lipids and lipoprotein content and their relationships with oxidant-antioxidant system in patients with psoriasis**
Kural B., Orem A., Cimsit G., Yandi Y., Calapoglu M.
CLINICA CHIMICA ACTA, vol.328, pp.71-82, 2003 (SCI-Expanded)
- LVIII. **The evaluation of autoantibodies against oxidatively modified low-density lipoprotein (LDL), susceptibility of LDL to oxidation, serum lipids and lipid hydroperoxide levels, total antioxidant status, antioxidant enzyme activities, and endothelial dysfunction in patients with Behcet's disease**
Orem A., Yandi Y. E., Vanizor B., Cimsit G., Uydu H. A., Malkoc M.
CLINICAL BIOCHEMISTRY, vol.35, no.3, pp.217-224, 2002 (SCI-Expanded)
- LIX. **The effects of lipid-lowering therapy on low-density lipoprotein auto-antibodies: relationship with low-density lipoprotein oxidation and plasma total antioxidant status**
OREM C., Orem A., UYDU H., CELIK S., ERDOL C., KURAL B.
CORONARY ARTERY DISEASE, vol.13, no.1, pp.65-71, 2002 (SCI-Expanded)
- LX. **Evaluation of plasma endothelin-1 levels in patients with cerebral infarction**
Alioglu Z., OREM A., BULBUL I., BOZ C., OZMENOGLU M., VANIZOR B.
ANGIOLOGY, vol.53, no.1, pp.77-82, 2002 (SCI-Expanded)
- LXI. **Effects of the tyrosine kinase inhibitor tyrphostin AG 556 on acute necrotising pancreatitis in rats**
ALHAN E., CICEK R., ERCIN C., Orem A., VANIZOR B., CINEL A.
EUROPEAN JOURNAL OF SURGERY, vol.168, no.10, pp.557-562, 2002 (SCI-Expanded)
- LXII. **Decreased nitric oxide end-products and its relationship with high density lipoprotein and oxidative stress in people with type 2 diabetes without complications**
Vanizor B., Orem A., Karahan S. C., Kiran E., Erem C., Aliyazicioglu R., Uydu H.
DIABETES RESEARCH AND CLINICAL PRACTICE, vol.54, no.1, pp.33-39, 2001 (SCI-Expanded)
- LXIII. **Plasma endothelin-1 levels before and after vascular occlusive test in patients with Behçets disease [3]**
Cimsit G., Kaharan S., ÖREM A., KURAL B., Alpay K.
Australasian Journal of Dermatology, vol.42, no.3, pp.221-222, 2001 (SCI-Expanded)
- LXIV. **Effect of coronary angiography on plasma endothelin-1 and nitric oxide concentrations**
Orem A., OREM C., ALIOGLU Y., VANIZOR B., ERDOL C.
ANGIOLOGY, vol.52, no.4, pp.231-235, 2001 (SCI-Expanded)
- LXV. **Increased plasma endothelin-1 levels in patients with intracerebral hemorrhage**
ALIOĞLU Z., Bülbül I., ÖREM A., Özmenoğlu M., KURAL B., BOZ C.
Journal of Stroke and Cerebrovascular Diseases, vol.9, no.4, pp.176-180, 2000 (SCI-Expanded)
- LXVI. **The significance of autoantibodies against oxidatively modified low-density lipoprotein (LDL) in patients with psoriasis**
Orem A., Cimsit G., Deger O., Orem C., Vanizor B.
CLINICA CHIMICA ACTA, vol.284, no.1, pp.81-88, 1999 (SCI-Expanded)
- LXVII. **Decreased nitric oxide production in patients with Behcet's disease**

- Orem A, Vanizor B, Cimsit G, Kiran E, Deger O, MALKOC M.
DERMATOLOGY, vol.198, no.1, pp.33-36, 1999 (SCI-Expanded)
- LXVIII. **Autoantibodies against oxidatively modified low-density lipoprotein in patients with Behcet's disease**
Orem A, Cimsit G, Deger O, Vanizor B, Karahan S. C.
DERMATOLOGY, vol.198, no.3, pp.243-246, 1999 (SCI-Expanded)
- LXIX. **The relationship between nitric oxide production and activity of the disease in patients with psoriasis**
Orem A, ALIYAZICIOGLU R., Kiran E, Vanizor B., CIMNOCODEIT G., Deger O.
ARCHIVES OF DERMATOLOGY, vol.133, no.12, pp.1606-1607, 1997 (SCI-Expanded)
- LXX. **Comparative studies on antioxidant enzyme activities and lipid peroxidation in different fish species**
KOLAYLI S, Arıkan M., Uzunosmanođlu D., KURAL B., Kiran E., Sađban R.
Turkish Journal of Zoology, vol.21, no.2, pp.171-173, 1997 (SCI-Expanded)
- LXXI. **Relationship between lipid peroxidation and disease activity in patients with Behcet's disease**
Orem A, Efe H., Deger O, Cimsit G., Uydu H., Vanizor B.
JOURNAL OF DERMATOLOGICAL SCIENCE, vol.16, no.1, pp.11-16, 1997 (SCI-Expanded)
- LXXII. **Comparitive Studies on Antioxidant Enzyme Activities and Lipid Peroxidation in Different Fish Species**
KOLAYLI S, Arıkan M., Uzunosmanođlu D., KURAL B., Kiran E., ALIYAZICIOđLU R.
TURKISH JOURNAL OF ZOOLOGY, vol.21, pp.171-173, 1997 (SCI-Expanded)

Articles Published in Other Journals

- I. **Hazelnut-enriched diet effectively increases lipoproteins' resistance to oxidation in hypercholesterolemic subjects**
AKCAN B., ÖREM A., KURAL B. V., altinkaynak y., YUCESAN F. B., ÖREM C.
Food and Health, vol.9, no.3, pp.201-211, 2023 (Peer-Reviewed Journal)
- II. **Circulating sTWEAK and its scavenger receptor sCD163 concentrations in patients with Behçet's disease**
Balaban Yücesan F., Örem A., Arica D., Aksan B., Yaman S. O., Akcan B., Kural B., Bahadır S.
International Journal of Medical Biochemistry, vol.5, no.2, pp.89-95, 2022 (Scopus)
- III. **Presepsin: Sepsis Tespiti İçin Umut Verici Yeni Bir Biyobelirteç**
MALKOÇ M., Vanizor Kural B.
Celal Bayar Üniversitesi Sağlık Bilimleri Enstitüsü Dergisi, vol.3, no.3, pp.553-557, 2021 (Peer-Reviewed Journal)
- IV. **Relationship Between Apolipoprotein E Gene Polymorphism and Lipid Parameters in Patients with Behçet's Disease**
MALKOÇ M., ÖREM A., KURAL B.
Gelecek Vizyonlar Dergisi (fvj: Future Visions Journal), pp.35-40, 2019 (Peer-Reviewed Journal)
- V. **Theanine**
KURAL B., Patan H.
Gümüşhane University Journal of Health Sciences, 2019 (Peer-Reviewed Journal)
- VI. **Bursa İlinde Üretimi Yapılan Arı Sütünde Bakır, Çinko, Magnezyum ve Kalsiyum Düzeyleri**
UÇAR M., KURAL B., BULUT V. N., ALIYAZICIOđLU R., Kopuz M., DEđER O., CENGİZ S.
Düzce Üniversitesi Sağlık Bilimleri Enstitüsü Dergisi, vol.8, no.2, pp.72-75, 2018 (Peer-Reviewed Journal)
- VII. **Element Levels of Bee Pollen Mixture from Northeast Anatolia Region**
UÇAR M., KURAL B., BULUT V. N., ALIYAZICIOđLU R., Kopuz M., DEđER O., MENTEŞE A.
Gümüşhane University Journal Of Health Sciences, vol.7, no.3, pp.57-62, 2018 (Peer-Reviewed Journal)
- VIII. **Kuzeydođu Anadolu Bölgesinden Toplanan Arı Polenini Karışımındaki Element Düzeyleri**
UÇAR M., KURAL B., BULUT V. N., ALIYAZICIOđLU R., Kopuz M., DEđER O., MENTEŞE A.
Gümüşhane University Journal of Health Sciences, 2018 (Peer-Reviewed Journal)

- IX. **Lipin Protein Ailesi**
KURAL B., KÖR S.
Gümüşhane University Journal Of Health Sciences, 2018 (Peer-Reviewed Journal)
- X. **The anti-inflammatory effect of hydrogen sulphide on acute necrotizing pancreatitis in rats**
Saglam K, Alhan E, TÜRKYILMAZ S., Vanizor B., Ercin C.
TURKISH JOURNAL OF SURGERY, vol.33, no.3, pp.158-163, 2017 (ESCI)
- XI. **KARALAHANA EKSTRAKLARININ INVITRO OKSİDE LİPOPROTEİNLERDE MALONDİALDEHİT SEVİYELERİNE ETKİLERİ**
KÜÇÜK KENT N., KURAL B., ÖREM A., CENGİZ S.
GUSBD, 2016 (Peer-Reviewed Journal)
- XII. **Lityumun kan tiroid hormonları, lipidler ve glukoz seviyeleri üzerine kısa ve uzun dönem etkisi**
ALİYAZICIOĞLU R., KARAHAN S. C., DEĞER O., ALİYAZICIOĞLU Y., KURAL B., Ayvaz S.
İBN-İ SİNA TIP DERGİSİ, vol.10, pp.46-54, 2005 (Peer-Reviewed Journal)
- XIII. **Lityumun biyolojik ve tıbbi etkileri**
ALİYAZICIOĞLU R., KARAHAN S. C., DEĞER O., KURAL B.
İBN-İ SİNA TIP DERGİSİ, vol.8, pp.1-14, 2003 (Peer-Reviewed Journal)
- XIV. **Depresyonlu hastalarda lipid ve lipoprotein düzeylerinin incelenmesi**
ALİYAZICIOĞLU R., ÖREM A., KURAL B., KARAHAN S. C.
İBN-İ SİNA TIP DERGİSİ, vol.8, pp.168-172, 2003 (Peer-Reviewed Journal)
- XV. **Increased plasma endothelin-1 levels in patients with intracerebral hemorrhage**
ALIOĞLU Z., Bülbül İ., ÖREM A., OZMENOĞLU M., KURAL B., BOZ C.
JOURNAL OF STROKE & CEREBROVASCULAR DISEASES, vol.9, no.4, pp.176-180, 2000 (Scopus)

Books & Book Chapters

- I. **İSTMİNLER**
KURAL B., KÖR S.
in: TEMEL TIP BİLİMLERİNDE GÜNCEL ÇALIŞMALAR 4, NAĞIYEV Toğrul; ÜÇKAYABAŞ IAli, Editor, İksad Yayınevi, Ankara, pp.8-24, 2023
- II. **MOTS-C**
KÖR S., KURAL B.
in: SAĞLIK ALANINDA ULUSLARARASI ARAŞTIRMA VE DEĞERLENDİRMELER, AKGÜL HASAN; SELAMOĞLU ZELİHA, Editor, Serüven Yayınevi, Ankara, pp.17-32, 2023
- III. **AFAMİN**
KÖR S., KURAL B.
in: TEMEL TIP BİLİMLERİNDE GÜNCEL ÇALIŞMALAR 4, NAĞIYEV Toğrul; ÜÇKAYABAŞ IAli, Editor, İksad Yayınevi, Ankara, pp.26-45, 2023
- IV. **Insulin**
Azı Mohamed S., Kural B.
in: Current Research in Health Sciences, Cem EVEREKLIOĞLU, Mehmet ERTEN, Editor, Gece Kitaplığı, Ankara, pp.153-167, 2022
- V. **COVID-19'DA LIPOPROTEİNLERİN YERİ**
Malkoç M., Kural B.
in: SAĞLIK BİLİMLERİNDE ARAŞTIRMA VE DEĞERLENDİRMELER - I Cilt I, Cem Evreklioğlu, Editor, Gece Kitaplığı Yayınevi, Ankara, pp.387-408, 2021
- VI. **ARI ÜRÜNLERİNİN YARA ÜZERİNE ETKİSİ**
Malkoç M., Kural B.
in: SAĞLIK BİLİMLERİNDE ARAŞTIRMA VE DEĞERLENDİRMELER Cilt I, PROF. DR. CEM EVEREKLIOĞLU1 DR. ÖĞR.ÜYESİ M. SEYMEN SEĞMENOĞLU DR. AYŞE GÖZKAMAN, Editor, Gece Kitaplığı Yayınevi, Ankara, pp.117-140, 2021

VII. Lipidler: Yapı ve Fonksiyon

ÖREM A., KURAL B., BALABAN YÜCESAN F.

in: Sorularla Konu Anlatımlı Tıbbi Biyokimya, Prof. Dr. Dildar KONUKOĞLU, Editor, Nobel Tıp Kitapevleri, pp.121-129, 2018

VIII. Lipid Metabolizması

ÖREM A., KURAL B., BALABAN YÜCESAN F.

in: Sorularla Konu Anlatımlı Tıbbi Biyokimya, Prof.Dr. Dildar KONUKOĞLU, Editor, Nobel Tıp Kitapevleri, pp.205-232, 2018

IX. lipid metabolizması

Örem A., Kural B., Balaban Yücesan F.

in: Sorularla konu anlatımlı tıbbi biyokimya, Konukoğlu D,Andican ZG,Uzun H, Editor, Nobel Tıp Kitapevi, İstanbul, pp.195-219, 2016

X. Lipidler: Yapı ve Fonksiyon

Örem A., Kural B., Balaban Yücesan F.

in: Sorularla Konu Anlatımlı Tıbbi Biyokimya, Konukoğlu D,Andican ZG,Uzun H, Editor, Nobel Yayınevi, İstanbul, pp.111-119, 2016

Refereed Congress / Symposium Publications in Proceedings

- I. **Losartan ve Amlodipinin TGF-beta ve TNF-alfa Üretimi Üzerine Etkileri**
KAYNAR R. K., ULUSOY Ş., Ovalı E., KURAL B., Dikmen T., Gül S.
6. Ulusal Hipertansiyon ve Böbrek Hastalıkları Kongresi, Antalya, Turkey, pp.53
- II. **Primer Hipertansiyonlu Hastalarda Hedef Organ Hasarı ile Serum Leptin Seviyeleri Arasındaki İlişki**
Erkut N., KAYNAR R. K., ULUSOY Ş., KURAL B., KUTLU M., ERDÖL H., TOPBAŞ M., Öztürk S., KOLA M., Gül S.
25.. Ulusal Nefroloji, Hipertansiyon, Diyaliz ve Transplantasyon Kongresi, Antalya, Turkey, pp.57
- III. **Primer Hipertansiyonlu Hastalarda Hedef Organ Hasarı ile Serum Leptin Seviyeleri Arasındaki İlişki**
Erkut N., KAYNAR R. K., ULUSOY Ş., KURAL B., KUTLU M., ERDÖL H., TOPBAŞ M., Öztürk S., KOLA M., Gül S.
25.. Ulusal Nefroloji, Hipertansiyon, Diyaliz ve Transplantasyon Kongresi, Antalya, Turkey, pp.57
- IV. **Hemodiyaliz Hastalarında Atorvastatinin Lipid Paneli ve İnflamatuvar Sitokinlere Etkisi**
Fidan S., ULUSOY Ş., KURAL B., KAYNAR R. K., Topal C., Bozalioğlu H., Gül S., Özkan G.
9. Ulusal Hipertansiyon ve Böbrek Hastalıkları Kongresi, Antalya, Turkey, pp.68
- V. **Hemodiyaliz Sırasında Setlerin Işığa Maruz Kalması İmmun Sistemi Etkiliyor mu?**
ULUSOY Ş., KAYNAR R. K., KURAL B., ÖREM A., Ovalı E., Gül S., TOPBAŞ M.
5. Ulusal Hipertansiyon ve Böbrek Hastalıkları Kongresi, Antalya, Turkey, pp.69
- VI. **Hemodiyaliz Sırasında Setlerin Işığa Maruz Kalması İmmun Sistemi Etkiliyor mu?**
ULUSOY Ş., KAYNAR R. K., KURAL B., ÖREM A., Ovalı E., Gül S., TOPBAŞ M.
5. Ulusal Hipertansiyon ve Böbrek Hastalıkları Kongresi, Antalya, Turkey, pp.69
- VII. **Hemodiyaliz Sırasında Setlerin Işığa Maruz Kalması İmmun Sistemi Etkiliyor mu?**
ULUSOY Ş., KAYNAR R. K., KURAL B., ÖREM A., Ovalı E., Gül S., TOPBAŞ M.
5. Ulusal Hipertansiyon ve Böbrek Hastalıkları Kongresi, Antalya, Turkey, pp.69
- VIII. **Primer Hipertansiyonlu Hastalarda Hedef Organ Hasarı ile Serum Leptin Seviyeleri Arasındaki İlişki**
Erkut N., KAYNAR R. K., ULUSOY Ş., KURAL B., KUTLU M., ERDÖL H., TOPBAŞ M., Öztürk S., KOLA M., Gül S.
25.. Ulusal Nefroloji, Hipertansiyon, Diyaliz ve Transplantasyon Kongresi, Antalya, Turkey, pp.57
- IX. **The relation between target organ damage and leptin levels in patients with primary hypertension**
ERKUT N., KAYNAR R. K., ULUSOY Ş., KURAL B., KUTLU M., ERDÖL H., TOPBAŞ M., ÖZTÜRK S., KOLA M., GÜL S., et al.
7. Uluslararası Karadeniz Aile Hekimliği Kongresi, Trabzon, Turkey, 11 - 14 October 2018, pp.130-139
- X. **The investigation of anti-inflammatory effects of mad honey (R. ponticum) on the wound healing in streptozocin - incucid diabetic rats**
Malkoç M., Yaman S. Ö., İmamoğlu Y., Kural B., Mungan S., Yıldız O., Kolaylı S.
International honey comission congress, Antalya, Turkey, 25 - 27 September 2017, pp.14

- XI. **The Investigation of Anti-inflammatory Effects of Mad Honey (*R. ponticum*) on the Wound Healing in Streptozocin-Induced Diabetic Rats**
MALKOÇ M., ÖZER YAMAN S., İMAMOĞLU Y., KURAL B., mungan s., yıldız O., KOLAYLI S.
International Honey Commission Congress 2017, 25 - 27 September 2017
- XII. **The Effect of Mad Honey (*R. Ponticum*) on Oxidant-Antioxidant Balanca of Wounds Tissues in Streptozocin-Induced Diabetic Rats**
MALKOÇ M., ÖZER YAMAN S., ince i., KURAL B., KOLAYLI S.
International Honey Commission Congress 2017, 25 - 27 September 2017
- XIII. **The effect of Mad Honey on dorsal Wounds of Diabetic Rats**
Malkoç M., Özer Yaman S., Kural B., İmamoğlu Y., Uydu H. A.
Uluslararası Biyokimya Kongresi 2017., Erzurum, Turkey, 19 - 23 September 2017
- XIV. **SOLUBLE TUMOR NECROSIS FACTOR-LIKE WEAK INDUCER OF APOPTOSIS AND SOLUBLE CD163 LEVELS IN PATIENTS WITH BEHCET'xxS DISEASE**
BALABAN YÜCESAN F., ÖREM A., AKSU ARICA D., AKCAN ALTINKAYNAK B., AKŞAN B., ÖZER YAMAN S., KURAL B., BAHADIR S.
85th Congress of the European-Atherosclerosis-Society (EAS), 23 - 26 April 2017, vol.263, pp.140-141
- XV. **kronik böbrek hastası olanlarda serum II31 ve UDP Glukoz Seramid Glikozil Transferaz Düzeylerinin Dermatolojik Bulgular ile ilişkisi**
KAYNAR R. K., AKSU ARICA D., KURAL B., ULUSOY Ş., CANSIZ M., BAYKAL SELÇUK L., ÇAN G., KOLAYLI C. C.
19. ULUSAL HİPERTANSİYON VE BÖBREK HASTALIKLARI KONGRESİ, Girne, Cyprus (Kktc), 10 - 14 May 2017, pp.31
- XVI. **Effect of instant black tea on gene expres sion of paraoxonase 1 in hepatocyte HEPG2 cell lines**
Tekmeh H. H., KURAL B., DEMİR S., US ALTAY D., ÖZER YAMAN S., ÖREM A., ALASALVAR C., TURAN İ.
The 2nd International & the 14th Iranian Nutrition Congress, 4 - 07 September 2016
- XVII. **Effect of instant black tea on gene expression of paroxonase 1 in hepatocyte HepG2 cell lines**
HAJIZADEH TEKMEH H., KURAL B., DEMİR S., US ALTAY D., ÖZER YAMAN S., KÖR S., ÖREM A., ALAŞALVAR C., TURAN İ.
2nd International and 14th Iranian Nutrition Congress, Tahran, Iran, 4 - 07 September 2016, pp.83
- XVIII. **The relationship of dermatological findings with serum IL-31 and UDP glucose ceramide glucosyltransferase levels among chronic kidney disease patients.**
yılmaz güvercin b., KAYNAR R. K., AKSU ARICA D., KURAL B., ULUSOY Ş., CANSIZ M., BAYKAL SELÇUK L., ŞENTÜRK A., ÇAN G.
53 rd. Congress ERA-EDTA, 21 - 24 May 2016
- XIX. **Dexmedetomidinin iyonize radrasyona bağlı oksidatif hasarı önlemedeki profilaktik etkileri**
KUTANIŞ D., ERTÜRK E., BEŞİR A., DEMİRCİ Y., KAYIR S., KURAL B., BAHAT Z., CANYILMAZ E., KARA H.
Göğüs Kalp Damar Anestezi ve Yoğun Bakım Derneği Ulusal Kongresi, Turkey, 21 - 24 April 2016
- XX. **The utility of aqueous extrats of Crataeous tanacetifoli against to in vitro oxidation of the Apo B containing lipoproteins Low and very low density lipoproteins**
KÜÇÜK KENT N., CENGİZ S., KURAL B., ÖREM A., coşkunçelebi K., KILINÇ K.
XIX Lipid Meeting, Leipzig, Germany, 10 - 12 December 2015, pp.3-8
- XXI. **Tle utility of aquous extratcts of Crataegus Tanacetifoll aginst to in vitro oxidaiton of apo B containing lipoproteins**
Küçük Kent N., Cengiz S., KURAL B., Coşkunçelebi K., Kılınç K.
XIX Lipid Meeting, Leipzig, Germany, 10 - 12 December 2015, pp.73
- XXII. **RESISTIN LEVELS AND PROTEIN ENERGYWASTING OF PATIENTS WITH CHRONIC KIDNEY DISEASE; IS THERE ANY INTERACTION?**
KAYNAR K., Kural B. V., ULUSOY Ş., CANSIZ M., AKCAN B., MISIR N., YAMAN S., Kaya N.
50th European-Renal-Association - European-Dialysis-and-Transplant-Association Congress, İstanbul, Turkey, 18 - 21 May 2013, vol.28, pp.162
- XXIII. **IS THERE ANY WAY TO PROTECT FROM TACROLIMUS-INDUCED RENAL AND PANCREAS INJURY?**
Kaynar K., Kaynar K., ERSÖZ Ş., Aliyazıoğlu R., Uzun A., ULUSOY Ş., Al S., Ozkan G., CANSIZ M.

49th Congress of the European-Renal-Association/European-Dialysis-and-Transplant-Association (ERA-EDTA), Paris, France, 24 - 27 May 2012, vol.27, pp.333

XXIV. RATLARDA OLUŞTURULAN AKUT NEKROTİZAN PANKREATİTTE MALONDİALDEHİT VE RUTİN PARAMETRE SEVİYELERİNİN ZAMANA BAĞLI DEĞİŞİMİ

KURAL B., küçük kent n., TÜRKİYILMAZ S., ALHAN E., erçin c., dönder e., MAZLUM ŞEN T., aslan z.

23. ulusal biyokimya kongresi, Adana, Turkey, 29 November - 02 December 2011, vol.36, no.2, pp.298

XXV. Effects of 17-Beta Estradiol on the necrotizing Pancreatitis in rats.

ALHAN E., CİNEL A., TÜRKİYILMAZ S., KURAL B.

45nd Congress of the European Society for Surgical Research (ESSR), Cenevre, Switzerland, 9 - 12 June 2010, pp.35-36

XXVI. Kale extracts increase the resistance of LDL to oxidation

KUCUK N., KURAL B., ÖREM A.

Joint Conference of the 33rd FEBS Congress/11th IUBMB Conference, Athens, Greece, 28 June - 03 July 2008, vol.275, pp.380

Supported Projects

Kör S., Kural B., Örem C., Özer Yaman S., Mazlum Şen T., Örem A., Project Supported by Higher Education Institutions, Metabolik Sendromlu Bireylerde Postprandial Lipemi İle Eritrosit Membran Kolesterol İçeriği İlişkisinin İncelenmesi, 2015 - 2017

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Non Academic Experience

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