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Personal Information

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Education Information

Expertise In Medicine, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, Turkey 1995 - 1999

Under Graduate, Ankara University, Tıp Fakültesi, Tıp Pr., Turkey 1985 - 1991

Foreign Languages

English, C1 Advanced

Research Areas

Medicine

Academic Titles / Tasks

Professor, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2010 - Continues

Professor, Florida State University, College Of Medicine, Biomedical Sciences, 2015 - 2015

Associate Professor, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2005 - 2010

Expert, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2000 - 2005

Research Assistant, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 1995 - 1999

Professional Experience

Head of Department, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2019 - Continues

Advising Theses

BUKAN N., Hafif kognitif bozukluk ve erken evre alzheimer hastalarında yeni oksidatif stres belirteci olarak thiol-disülfid dengesi, iskemi albümin modifikasyonu ve seruloplazmin'in değerlendirilmesi, Doctorate, Y.GÜNDÜZTEPE(Student), 2018

BUKAN N., Serebral palsy ve otizmli çocuklarda beslenme alışkanlıklarının gösterilmesi ve biyokimyasal yaklaşımlarla değerlendirilmesi, Post Graduate, H.GÖK(Student), 2018

BUKAN N., The Evaluation Of Thiol-Disulfite Balance, Ischemia Albumin Modification And Seruloplazmine As A New Oxidative Stress In Mild Cognitive Impairment And Early Stage Alzheimer S Disease Patients, Y.Gündüztepe(Student), 2018

BUKAN N., Hafif kognitif bozukluk ve erken evre alzheimer hastalarında açlık serum ghrelin ve leptin seviyelerinin ve

metabolik etkilerinin incelenmesi, Expertise In Medicine, E.HAN(Student), 2017

BUKAN N., Testis iskemi reperfüzyon modelinde biyokimyasal parametrelerin değerlendirilmesi, Post Graduate, G.KOLSAL(Student), 2012

BUKAN N., Tiroid fonksiyonları ile serum angiopietin-like protein 3, leptin ve visfatin düzeyleri arasındaki ilişki, Expertise In Medicine, Ü.YILDIZ(Student), 2011

BUKAN N., Examination of Angiopietin-like proetin-4, Neuropeptide Y, Omentin-1 levels of Obese and Nonobese patients with Polycystic Ovary Syndrome, Post Graduate, M.GÜNEŞ(Student), 2011

BUKAN N., THE EFFECT OF USING TIBOLONE AND MENOPAUSE TO BONE TURNOVER MARKERS, Ö.TOPCU(Student), 2007

BUKAN N., Menopozun ve tibolon kullanımının kemik döğüsü belirteçleri üzerine etkisi, Post Graduate, Ö.TOPCU(Student), 2007

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

- I. **Intrastromal versus subconjunctival anti-VEGF agents for treatment of corneal neovascularization: a rabbit study**
Ucgu R. K. , Celebi S., Yilmaz N. S. , BUKAN N., Ucgu A. Y.
EYE, 2021 (Journal Indexed in SCI)
- II. **Comparison of HE 4, CA 125, ROMA score and ultrasound score in the differential diagnosis of ovarian masses**
Aslan K., ONAN M. A. , YILMAZ C., BUKAN N., ERDEM M.
JOURNAL OF GYNECOLOGY OBSTETRICS AND HUMAN REPRODUCTION, vol.49, no.5, 2020 (Journal Indexed in SCI)
- III. **The evaluation of thiol-disulfite balance, ischemia albumin modification and seruloplazmine as a new oxidative stress in mild cognitive impairment and early stage alzheimer's disease patients**
Gunduztepe Y., BUKAN N., Zorlu E., Karaman Y., Topkan T. A. , Gurbuz N., NEŞELİOĞLU S., EREL Ö.
JOURNAL OF CLINICAL NEUROSCIENCE, vol.75, pp.188-194, 2020 (Journal Indexed in SCI)
- IV. **Effects of Kinesio Taping on the Relief of Delayed Onset Muscle Soreness: A Randomized, Placebo-Controlled Trial**
HAZAR KANIK Z., ÇITAKER S., Demirtas C., BUKAN N., ÇELİK B., GÜNAYDIN G.
JOURNAL OF SPORT REHABILITATION, vol.28, no.8, pp.781-786, 2019 (Journal Indexed in SCI)
- V. **Serum Total Sialic Acid Level is Elevated in Hypothyroid Patients as an Atherosclerotic Risk Factor**
Altay M., KARAKOÇ M. A. , Cakir N., Demirtas C., Cerit E. T. , Akturk M., Ates I., BUKAN N., Arslan M.
JOURNAL OF CLINICAL LABORATORY ANALYSIS, vol.31, no.2, 2017 (Journal Indexed in SCI)
- VI. **Examination of angiopietin-like protein 4, neuropeptide Y, omentin-1 levels of obese and non-obese patients with polycystic ovary syndrome**
Gunes M., BUKAN N.
GYNECOLOGICAL ENDOCRINOLOGY, vol.31, no.11, pp.903-906, 2015 (Journal Indexed in SCI)
- VII. **Assessment of bone turnover markers and bone mineral density in normal short boys**
AYDIN KILIÇ Z. N. , BİDECİ A., Emeksiz H. C. , Celik N., DÖĞER E., BUKAN N., Yildiz U., Camurdan O. M. , CİNAZ P.
JOURNAL OF PEDIATRIC ENDOCRINOLOGY & METABOLISM, vol.28, pp.1321-1326, 2015 (Journal Indexed in SCI)
- VIII. **Late-stage systemic immune effectors in Plasmodium berghei ANKA infection: biopterin and oxidative stress**
DOĞRUMAN AL F., ENGİN A. B. , BUKAN N., Evirgen-Bostanci S., Ceber K.
PTERIDINES, vol.26, no.3, pp.105-112, 2015 (Journal Indexed in SCI)
- IX. **Effects of Long Acting Methylphenidate on Ghrelin Levels in Male Children with Attention Deficit Hyperactivity Disorder: An Open Label Trial**
Yalcin O., İŞERİ E., BUKAN N., Ercin U.
KLINIK PSIKOFARMAKOLOJİ BULTENİ-BULLETIN OF CLINICAL PSYCHOPHARMACOLOGY, vol.24, no.2, pp.146-157, 2014 (Journal Indexed in SCI)
- X. **Oxidative stress and tryptophan degradation pattern of acute Toxoplasma gondii infection in mice**

ENGİN A. B. , DOĞRUMAN AL F., Ercin U., Celebi B., Babur C., BUKAN N.

PARASITOLOGY RESEARCH, vol.111, no.4, pp.1725-1730, 2012 (Journal Indexed in SCI)

- XI. **Maternal cardiac risks in pre-eclamptic patients**
BUKAN N., Kandemir O., NAS T., GÜLBAHAR Ö., Unal A., Cayci B.
JOURNAL OF MATERNAL-FETAL & NEONATAL MEDICINE, vol.25, no.7, pp.912-914, 2012 (Journal Indexed in SCI)
- XII. **Effect of butylated hydroxytoluene (E321) pretreatment versus L-arginine on liver injury after sub-lethal dose of endotoxin administration**
ENGİN A. B. , BUKAN N., Kurukahuecioglu O., Memis L., Engin A.
ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, vol.32, no.3, pp.457-464, 2011 (Journal Indexed in SCI)
- XIII. **Neutrophil Gelatinase-Associated Lipocalin Levels in Isolated Coronary Artery Ectasia**
Akyel A., ŞAHİNARSLAN A., Kiziltunc E., Yildiz U., Alsancak Y., AKBOĞA M. K. , Yayla C., TOPAL S., BUKAN N., Ozdemir M.
CANADIAN JOURNAL OF CARDIOLOGY, vol.27, no.6, pp.773-778, 2011 (Journal Indexed in SCI)
- XIV. **The Value of Serum Procalcitonin in Differential Diagnosis of Pulmonary Embolism and Community-Acquired Pneumonia**
KÖKTÜRK N., Kanbay A., BUKAN N., Ekim N.
CLINICAL AND APPLIED THROMBOSIS-HEMOSTASIS, vol.17, no.5, pp.519-525, 2011 (Journal Indexed in SCI)
- XV. **Hyperhomocysteinemia Prevalence Among Patients With Venous Thromboembolism**
KÖKTÜRK N., Kanbay A., AYDOĞDU M., Ozyilmaz E., BUKAN N., Ekim N.
CLINICAL AND APPLIED THROMBOSIS-HEMOSTASIS, vol.17, no.5, pp.487-493, 2011 (Journal Indexed in SCI)
- XVI. **The relationship of serum erythropoietin level with coronary collateral grade.**
ŞAHİNARSLAN A., Yalcin R., Kocaman S. A. , Ercin U., Tanalp A. C. , TOPAL S., BUKAN N., Boyaci B., Cengel A.
The Canadian journal of cardiology, vol.27, no.5, pp.589-95, 2011 (Journal Indexed in SCI Expanded)
- XVII. **Relationship between serum osteoprotegerin, glycemic control, renal function and markers of atherosclerosis in type 2 diabetes**
Altinova A. E. , Toruner F., Akturk M., BUKAN N., YETKİN İ., Cakir N., Arslan M.
SCANDINAVIAN JOURNAL OF CLINICAL & LABORATORY INVESTIGATION, vol.71, no.4, pp.340-343, 2011 (Journal Indexed in SCI)
- XVIII. **The relationship between adipocyte fatty acid binding protein-4, retinol binding protein-4 levels and early diabetic nephropathy in patients with type 2 diabetes**
Toruner F., Altinova A. E. , Akturk M., Kaya M., Arslan E., BUKAN N., Kan E., YETKİN İ., Arslan M.
DIABETES RESEARCH AND CLINICAL PRACTICE, vol.91, no.2, pp.203-207, 2011 (Journal Indexed in SCI)
- XIX. **Consequences of hypoxia-reoxygenation phenomena in patients with obstructive sleep apnea syndrome**
ULUKAVAK ÇİFTÇİ T., KÖKTÜRK O., Demirtas S., GÜLBAHAR Ö., BUKAN N.
ANNALS OF SAUDI MEDICINE, vol.31, no.1, pp.14-18, 2011 (Journal Indexed in SCI)
- XX. **Relation between serum monocyte chemoattractant protein-1 and coronary collateral development.**
ŞAHİNARSLAN A., Kocaman S. A. , TOPAL S., Ercin U., BUKAN N., Yalcin R., Timurkaynak T.
Coronary artery disease, vol.21, no.8, pp.455-9, 2010 (Journal Indexed in SCI Expanded)
- XXI. **The Role of Serum Adhesion Molecules and Vascular Endothelial Growth Factor in Lung Cancer Patients**
YURDAKUL A. S. , Han E. R. , BUKAN N., ÖZTÜRK C.
TURKIYE KLINIKLERI TIP BILIMLERI DERGISI, vol.30, no.4, pp.1214-1219, 2010 (Journal Indexed in SCI)
- XXII. **Frequency of adiponectin gene polymorphisms in polycystic ovary syndrome and the association with serum adiponectin, androgen levels, insulin resistance and clinical parameters**
Demirci H., Yilmaz M., ERGÜN M. A. , YURTCU E., BUKAN N., Ayvaz G.
GYNECOLOGICAL ENDOCRINOLOGY, vol.26, no.5, pp.348-355, 2010 (Journal Indexed in SCI)
- XXIII. **Matrix metalloproteinase-9 (MMP-9) in allergic nasal polyps**
BUĞDAYCI G., Kaymakci M., BUKAN N.
ACTA HISTOCHEMICA, vol.112, no.1, pp.92-95, 2010 (Journal Indexed in SCI)
- XXIV. **Apart from the Other Members of PDE Inhibitors' Family, Enoximone Does Not Enhance Renal**

Ischemic Reperfusion Injury: The Effects of Enoximone on Renal Ischemia Reperfusion

Pampal A., Ozen I. O., Demirogullari B., Gol I. H., Guclu M. M., BUKAN N., POYRAZ A., KARABULUT R., Basaklar A. C., Kale N.

RENAL FAILURE, vol.31, no.10, pp.971-976, 2009 (Journal Indexed in SCI)

- XXV. **Lipid peroxidation in nuchal cord cases: implication for fetal distress**
Onan A., Kurdoglu M., Sancak B., BUKAN N., Yildirim M.
JOURNAL OF MATERNAL-FETAL & NEONATAL MEDICINE, vol.22, no.3, pp.254-258, 2009 (Journal Indexed in SCI)
- XXVI. **Serum resistin and adiponectin levels in women with polycystic ovary syndrome**
Yilmaz M., BUKAN N., Demirci H., Ozturk C., Kan E., Ayvaz G., Arslan M.
GYNECOLOGICAL ENDOCRINOLOGY, vol.25, no.4, pp.246-252, 2009 (Journal Indexed in SCI)
- XXVII. **Serum big endothelin-1 levels in female patients with breast cancer**
Yildirim Y., GÜNEL N., Coskun U., Sancak B., BUKAN N., Aslan S., Cetin A.
INTERNATIONAL IMMUNOPHARMACOLOGY, vol.8, no.8, pp.1119-1123, 2008 (Journal Indexed in SCI)
- XXVIII. **Vascular endothelial growth factor and carotid intima-media thickness in patients with Behcet's disease**
Ozturk M. A., Unverdi S., ÖZHAN OKTAR S., BUKAN N., GÜLBAHAR Ö., Ureten K., GÖKER B., HAZNEDAROĞLU Ş., Sungur G., ULUKAVAK ÇİFTÇİ T., et al.
CLINICAL RHEUMATOLOGY, vol.27, no.8, pp.961-966, 2008 (Journal Indexed in SCI)
- XXIX. **Serum IL-18 levels in patients with type 1 diabetes: Relations to metabolic control and microvascular complications**
Altinova A. E., YETKİN İ., AKBAY E., BUKAN N., Arslan M.
CYTOKINE, vol.42, no.2, pp.217-221, 2008 (Journal Indexed in SCI)
- XXX. **The analysis of hormones and enzymes extracted from endocrine glands of the neck region in deaths due to hanging**
ŞENOL E., DEMİREL B., AKAR T., GÜLBAHAR Ö., Bakar C., BUKAN N.
AMERICAN JOURNAL OF FORENSIC MEDICINE AND PATHOLOGY, vol.29, no.1, pp.49-54, 2008 (Journal Indexed in SCI)
- XXXI. **Comparison of serum adiponectin and tumor necrosis factor-alpha levels between patients with and without obstructive sleep apnea syndrome**
Kanbay A., KÖKTÜRK O., ULUKAVAK ÇİFTÇİ T., Tavil Y., BUKAN N.
RESPIRATION, vol.76, no.3, pp.324-330, 2008 (Journal Indexed in SCI)
- XXXII. **Leptin treatment ameliorates acute lung injury in rats with cerulein-induced acute pancreatitis**
Gultekin F. A., Kerem M., Tatlicioglu E., Aricioglu A., Unsal C., Bukan N.
WORLD JOURNAL OF GASTROENTEROLOGY, vol.13, no.21, pp.2932-2938, 2007 (Journal Indexed in SCI)
- XXXIII. **Decreased plasma adiponectin is associated with insulin resistance and HDL cholesterol in overweight subjects**
Altinova A. E., Toruner F., BUKAN N., Yasar D. G., Akturk M., Cakir N., Arslan M.
ENDOCRINE JOURNAL, vol.54, no.2, pp.221-226, 2007 (Journal Indexed in SCI)
- XXXIV. **Circulating concentrations of adiponectin and tumor necrosis factor-alpha in gestational diabetes mellitus**
Altinova A. E., Toruner F., Bozkurt N., Bukan N., Karakoc A., Yetkin I., Ayvaz G., Cakir N., Arslan M.
GYNECOLOGICAL ENDOCRINOLOGY, vol.23, no.3, pp.161-165, 2007 (Journal Indexed in SCI)
- XXXV. **Melatonin protects against epirubicin-induced cardiotoxicity**
Güven A., Yavuz O., Cam M., Ercan F., Bukan N., Comunoglu C.
ACTA HISTOCHEMICA, vol.109, no.1, pp.52-60, 2007 (Journal Indexed in SCI)
- XXXVI. **Importance of cytokines, oxidative stress and expression of BCL-2 in the pathogenesis of non-alcoholic steatohepatitis**
Torer N., Ozenirler S., ATAK YÜCEL A., Bukan N., ERDEM O. A.
SCANDINAVIAN JOURNAL OF GASTROENTEROLOGY, vol.42, no.9, pp.1095-1101, 2007 (Journal Indexed in SCI)
- XXXVII. **NO2/NO3 plasma profile under different parenteral nutrition regimens in newborns**
Dalgic N., Hasanoglu A., Tumer L., Koc E., Ergenekon E., Cinasal G., Bukan N.

- ANNALS OF NUTRITION AND METABOLISM, vol.51, no.1, pp.22-26, 2007 (Journal Indexed in SCI)
- XXXVIII. **Biochemical and hormonal composition, cytological examination of thyroid cyst fluid, and comparison according to gender and color of cyst fluid**
Demirci H., Erdamar H., Bukan N., Dikmen K., Karakoc A., Arslan M.
CLINICAL CHEMISTRY AND LABORATORY MEDICINE, vol.45, no.11, pp.1517-1522, 2007 (Journal Indexed in SCI)
- XXXIX. **The role of adhesion molecules in renal cell cancers Böbrek hücrelikanserlerde adezyon moleküllerinin yeri**
POLAT F., Sözen S., Acar C., BUKAN N., Coşkun U., Bozkirli I.
Turk Uroloji Dergisi, vol.32, no.4, pp.458-461, 2006 (Journal Indexed in SCI Expanded)
- XL. **Adiponectin levels and cardiovascular risk factors in hypothyroidism and hyperthyroidism**
Altinova A. E. , Toeruener F. B. , Aktuerk M., Bukan N., Cakir N., Ayvaz G., Arslan M.
CLINICAL ENDOCRINOLOGY, vol.65, no.4, pp.530-535, 2006 (Journal Indexed in SCI)
- XLI. **Regulation of fibrogenesis during the early phase of common bile duct obstruction**
Engin A., Dincer S., Ercan S., Memis L., Bukan N., Bozkurt S.
ANZ JOURNAL OF SURGERY, vol.76, no.7, pp.645-648, 2006 (Journal Indexed in SCI)
- XLII. **Effect of nitric oxide on the hypoglycaemic phase of endotoxaemia**
Engin A., Zemheri M., Bukan N., Memis L.
ANZ JOURNAL OF SURGERY, vol.76, no.6, pp.512-517, 2006 (Journal Indexed in SCI)
- XLIII. **Serum P-selectin, soluble vascular cell adhesion molecule-I (s-VCAM-I) and soluble intercellular adhesion molecule-I (s-ICAM-I) levels in bladder carcinoma patients with different stages**
Coskun U., Sancak B., Sen I., Bukan N., Tufan M., Gulbahar Ö., Sozen S.
INTERNATIONAL IMMUNOPHARMACOLOGY, vol.6, no.4, pp.672-677, 2006 (Journal Indexed in SCI)
- XLIV. **Effects of melatonin on streptozotocin-induced diabetic liver injury in rats**
Güven A., Yavuz O., Cam M., Ercan F., Bukan N., Comunoglu C., Gokce F.
ACTA HISTOCHEMICA, vol.108, no.2, pp.85-93, 2006 (Journal Indexed in SCI)
- XLV. **A comparative study of the effects of hemin and bilirubin on bilateral renal ischemia reperfusion injury**
Demirogullari B., Ekingen G., Guz G., Bukan N., ERDEM O. A. , Ozen I. O. , Memis L., Sert S.
NEPHRON EXPERIMENTAL NEPHROLOGY, vol.103, no.1, pp.1-5, 2006 (Journal Indexed in SCI)
- XLVI. **The effects of rosiglitazone and metformin on oxidative stress and homocysteine levels in lean patients with polycystic ovary syndrome**
Yilmaz M., Bukan N., Ayvaz G., Karakoc A., Toruner F., Cakir N., Arslan M.
HUMAN REPRODUCTION, vol.20, no.12, pp.3333-3340, 2005 (Journal Indexed in SCI)
- XLVII. **Glucose intolerance, insulin resistance and cardiovascular risk factors in first degree relatives of women with polycystic ovary syndrome**
Yilmaz M., Bukan N., Ersoy R., Karakoc A., Yetkin I., Ayvaz G., Cakir N., Arslan M.
HUMAN REPRODUCTION, vol.20, no.9, pp.2414-2420, 2005 (Journal Indexed in SCI)
- XLVIII. **Free oxygen radical-induced lipid peroxidation and antioxidant in infants receiving total parenteral nutrition**
Hasanoglu A., Dalgic N., Tumer L., Atalay Y., Cinasal G., Biberoglu G., Bukan N., Aybar C.
PROSTAGLANDINS LEUKOTRIENES AND ESSENTIAL FATTY ACIDS, vol.73, no.2, pp.99-102, 2005 (Journal Indexed in SCI)
- XLIX. **Serum interleukin 17 and interleukin 18 levels in familial Mediterranean fever**
Haznedaroglu S., Ozturk M., Sancak B., Goker B., Onat A., Bukan N., Ertenli I., Kiraz S., Calguneri M.
CLINICAL AND EXPERIMENTAL RHEUMATOLOGY, vol.23, no.4, 2005 (Journal Indexed in SCI)
- L. **Levels of lipoprotein and homocysteine in non-obese and obese patients with polycystic ovary syndrome**
Yilmaz M., Biri A., Bukan N., Karakoc A., Sancak B., Toruner F., Pasaoglu H.
GYNECOLOGICAL ENDOCRINOLOGY, vol.20, no.5, pp.258-263, 2005 (Journal Indexed in SCI)
- LI. **Leptin and ghrelin levels in patients with obstructive sleep apnea syndrome**
Ciftci T., Kokturk O., Bukan N., Bilgihan A.

- RESPIRATION, vol.72, no.4, pp.395-401, 2005 (Journal Indexed in SCI)
- LII. **Hepatic and renal tissue selenium levels in a mouse model of candidiasis**
Kalkanci A, Bukan N, Sancak B, Kustimur S.
TRACE ELEMENTS AND ELECTROLYTES, vol.22, no.4, pp.272-276, 2005 (Journal Indexed in SCI)
- LIII. **Effectiveness of FK506 on lipid peroxidation in the spinal cord following experimental traumatic injury**
Kaymaz M, Emmez H, Bukan N, Dursun A, Kurt G, Pasaoglu H, Pasaoglu A.
Spinal Cord, vol.43, no.1, pp.22-26, 2005 (Journal Indexed in SCI Expanded)
- LIV. **Serum interleukin 18 and tumour necrosis factor-alpha levels are increased in Behcet's disease**
Oztas M, Onder M, Gurer M, Bukan N, Sancak B.
CLINICAL AND EXPERIMENTAL DERMATOLOGY, vol.30, no.1, pp.61-63, 2005 (Journal Indexed in SCI)
- LV. **Correlation between biochemical and spermatological parameters in rainbow trout (*Oncorhynchus mykiss*) semen**
Secer S, Tekin N, Bozkurt Y, Bukan N, Akcay E.
ISRAELI JOURNAL OF AQUACULTURE-BAMIDGEH, vol.56, no.4, pp.274-280, 2004 (Journal Indexed in SCI)
- LVI. **Effects of halothane, enflurane, and isoflurane on plasma and erythrocyte antioxidant enzymes and trace elements**
Turkan H, Bukan N, Sayal A, Aydin A, Bukan M.
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.102, pp.105-112, 2004 (Journal Indexed in SCI)
- LVII. **The relationship between serum cytokine levels with obesity and obstructive sleep apnea syndrome**
Ciftci T, Kokturk O, Bukan N, Bilgihan A.
CYTOKINE, vol.28, no.2, pp.87-91, 2004 (Journal Indexed in SCI)
- LVIII. **The effects of the sulfonylurea glyburide on glutathione peroxidase, superoxide dismutase and catalase activities in the heart tissue of streptozotocin-induced diabetic rat**
Bukan N, Sancak B, Bilgihan A, Kosova F, Bugdayci G, Altan N.
METHODS AND FINDINGS IN EXPERIMENTAL AND CLINICAL PHARMACOLOGY, vol.26, no.7, pp.519-522, 2004 (Journal Indexed in SCI)
- LIX. **Lipid peroxidation and resistance to oxidation in patients with type 2 diabetes mellitus**
Pasaoglu H, Sancak B, Bukan N.
TOHOKU JOURNAL OF EXPERIMENTAL MEDICINE, vol.203, no.3, pp.211-218, 2004 (Journal Indexed in SCI)
- LX. **Effects of two different high doses of irradiation on antioxidant system in the liver of guinea pigs**
Guney Y, Bukan N, Dizman A, Hicsonmez A, Bilgihan A.
EXPERIMENTAL ONCOLOGY, vol.26, no.1, pp.71-74, 2004 (Journal Indexed in SCI)
- LXI. **Serum hepatocyte growth factor and interleukin-6 levels can distinguish patients with primary or metastatic liver tumors from those with benign liver lesions**
Coskun U, Bukan N, Sancak B, Gunel N, Ozenirler S, Unal A, ATAK YÜCEL A.
NEOPLASMA, vol.51, no.3, pp.209-213, 2004 (Journal Indexed in SCI)
- LXII. **Effects of open vs. laparoscopic cholecystectomy on oxidative stress**
Bukan M, Bukan N, Kaymakcioglu N, Tufan T.
TOHOKU JOURNAL OF EXPERIMENTAL MEDICINE, vol.202, no.1, pp.51-56, 2004 (Journal Indexed in SCI)
- LXIII. **Serum levels of interleukin-18 and nitrite plus nitrate in renal cell carcinoma patients with different tumor stage and grade**
Sozen S, Coskun U, Sancak B, Bukan N, Gunel N, Tunc L, Bozkirli I.
NEOPLASMA, vol.51, no.1, pp.25-29, 2004 (Journal Indexed in SCI)
- LXIV. **Lipid peroxidation and scavenging enzyme levels in the liver of streptozotocin-induced diabetic rats**
Bukan N, Sancak B, Yavuz O, Koca C, Tutken F, Ozcelikay A, Altan N.
INDIAN JOURNAL OF BIOCHEMISTRY & BIOPHYSICS, vol.40, no.6, pp.447-450, 2003 (Journal Indexed in SCI)
- LXV. **Protective effects of chronic melatonin treatment against renal injury in streptozotocin-induced diabetic rats**
Cam M, Yavuz O, Guven A, Ercan F, Bukan N, Ustundag N.
JOURNAL OF PINEAL RESEARCH, vol.35, no.3, pp.212-220, 2003 (Journal Indexed in SCI)

- LXVI. **Serum interleukin-18 and nitric oxide activity in bladder carcinoma**
Bukan N., Sozen S., Coskun U., Sancak B., Gunel N., Bozkirli I., Senocak C.
EUROPEAN CYTOKINE NETWORK, vol.14, no.3, pp.163-167, 2003 (Journal Indexed in SCI)
- LXVII. **Nitric oxide-mediated liver injury in the presence of experimental bile duct obstruction**
Engin A., Bozkurt B., Altan N., Memis L., Bukan N.
WORLD JOURNAL OF SURGERY, vol.27, no.3, pp.253-255, 2003 (Journal Indexed in SCI)
- LXVIII. **Protective effect of melatonin on beta-cell damage in streptozotocin-induced diabetes in rats**
Yavuz O., Cam M., Bukan N., Guven A., Silan F.
ACTA HISTOCHEMICA, vol.105, no.3, pp.261-266, 2003 (Journal Indexed in SCI)
- LXIX. **Nitric oxide levels in Behcet's disease**
Sancak B., Onder M., Oztas M., Bukan N., Gurer M.
JOURNAL OF THE EUROPEAN ACADEMY OF DERMATOLOGY AND VENEREOLOGY, vol.17, no.1, pp.7-9, 2003
(Journal Indexed in SCI)
- LXX. **Lipid peroxidation, nitrate and nitrite levels in eclamptic and intrauterine growth retarded pregnancies**
PAŞAOĞLU H., BUKAN N., Bulduk G., Çelen Ş.
Turkish Journal of Medical Sciences, vol.33, no.2, pp.89-93, 2003 (Journal Indexed in SCI Expanded)
- LXXI. **Serum and ascitic fluid nitrate levels in patients with cirrhosis**
Coskun U., Ozenirler S., Sancak B., Bukan N.
CLINICA CHIMICA ACTA, vol.306, pp.127-132, 2001 (Journal Indexed in SCI)
- LXXII. **The pole of nitric oxide in allergic contact dermatitis**
Sahin S., Onder M., Sancak B., Bukan N., Gurer M.
ARCHIVES OF DERMATOLOGICAL RESEARCH, vol.293, no.4, pp.214-217, 2001 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Biyokimyasal tarama testlerinin Prenatal tanıda önemi**
BUKAN N.
Türkiye Klinikleri Tıp Bilimleri Dergisi, vol.3, no.1, pp.15-21, 2018 (Other Refereed National Journals)
- II. **Effects of kinesiology taping on delayed onset muscle soreness: a randomized controlled pilot study**
HAZAR KANIK Z., ÇITAKER S., YILMAZ-DEMİRTAŞ C., BUKAN N., KAFA N., ÇELİK B.
Journal of Exercise Therapy and Rehabilitation, vol.1, no.2, pp.49-54, 2014 (Refereed Journals of Other Institutions)
- III. **Investigation of enzyme levels in the mutation of the pseudocholinesterase gene ASP70GLY in Turkish population**
kaya k., günaydın b., ERGÜN M. A. , BUKAN N.
Anestezi Dergisi, vol.21, pp.157-159, 2013 (Other Refereed National Journals)
- IV. **The Relationship of Serum Soluble Fas Ligand sFasL Level with the Extent of Coronary Artery Disease**
ŞAHİNARSLAN A., BOYACI N. B. , KOCAMAN S., TOPAL S., ERÇİN U., OKYAY K., BUKAN N., YALÇIN M. R. , ÇENGEL A.
International journal of angiology, 2012 (Refereed Journals of Other Institutions)
- V. **The relation of serum monocyte chemoattractant protein 1 level with coronary atherosclerotic burden and collateral degree in stable coronary artery disease**
ŞAHİNARSLAN A., KOCAMAN S., TOPAL S., ERÇİN U., BUKAN N., TİMURKAYNAK T.
Türk kardiyoloji derneği arşivi, 2011 (Refereed Journals of Other Institutions)
- VI. **Gestasyonel Diabetes Mellitus Tanısı için OGTT Değerlendirmesinde ADA Kriterlerinin Yeri.**
GÜLBAHAR Ö., çaycı b., BUDAKOĞLU I. İ. , erçin u., BUKAN N., PAŞAOĞLU H., NAS T.
Türk Klinik Biyokimya Dergisi, vol.8, pp.63-67, 2010 (Other Refereed National Journals)
- VII. **Caspase levels in the evaluation of apoptosis in vitiligo patients**
GÜLBAHAR Ö., eren c., ERGÜN M. A. , BUKAN N.

- GAZI MEDICAL JOURNAL, vol.21, pp.81-83, 2010 (Other Refereed National Journals)
- VIII. **ADA Criteria for Evaluation of OGTT for Diagnosis of Gestational Diabetes Mellitus**
GÜLBAHAR Ö., ÇAYCI SİVRİ A. B. , BUDAKOĞLU I. İ. , ERÇİN U., BUKAN N., PAŞAOĞLU H., NAS T.
Türk Klinik Biyokimya Dergisi, 2010 (Other Refereed National Journals)
- IX. **TİP 2 DİYABETLİ HASTALARDA D VİTAMİNİ EKSİKLİĞİ PREVALANSIVE CRP FİBRİNOJEN GLİSEMİK KONTROL VE İNSÜLİN DİRENCİ İLE İLİŞKİSİ**
EROĞLU ALTINOVA A., AKTÜRK M. Y. , TÖRÜNER F. S. , KAYA M., BUKAN N., YETKİN İ., ÇAKIR N., ARSLAN M.
Gazi Medical Journal, 2010 (Other Refereed National Journals)
- X. **Relationship Between 24-hour Urine and Serum Parameters in Patients with Nephrolithiasis**
ERDAMAR H., sancak B., BUKAN N., PAŞAOĞLU H.
Fırat Tıp Dergisi, vol.12, pp.37-40, 2007 (Other Refereed National Journals)
- XI. **Serum Homocysteine, Lipoprotein (a), Tumor Necrosis Factor-Alpha, Total Cholesterol and Triglyceride Levels in Hemodialysis Patients.**
BUKAN N., sancak b., PAŞAOĞLU H., ELBEG Ş., Ünal A., ERTEN Y.
Turkiye Klinikleri Tıp Bilimleri Dergisi, vol.24, pp.435-439, 2004 (Other Refereed National Journals)

Books & Book Chapters

- I. **Gonadal Hormonlar**
BUKAN N.
in: Temel/Klinik Biyokimya, Paşaoğlu H, Editor, Pelikan, Ankara, pp.537-547, 2017
- II. **Gastrointestinal Hormonlar**
BUKAN N.
in: Temel/Klinik Biyokimya, Hatice Paşaoğlu, Editor, Pelikan yayınevi, Ankara, pp.501-509, 2017
- III. **Sinir Dokusu Biyokimyası**
BUKAN N.
in: Temel/Klinik Biyokimya, Paşaoğlu H, Editor, Pelikan, Ankara, pp.551-560, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. **The double-hit toxicity of obstructive jaundice on liver**
ENGİN A. B. , ENGİN A., MEMİŞ L., BUKAN N.
SOT 58th Annual Meeting ToxExpo, Baltimore, United States Of America, 10 - 14 March 2019
- II. **Alzheimer da Metabolik Değişiklikler**
BUKAN N.
Uluslararası Katılımlı XVI.Klinik Biyokimya Kongresi ve IATDMCT Regional Meeting, 5 - 08 May 2016
- III. **Effects Of Kinesio-Taping On Recovery After Exercise-Induced Muscle Damage: A Randomized, Placebo-Controlled Trial**
HAZAR KANIK Z., ÇITAKER S., Demirtas C. Y. , BUKAN N., ÇELİK B., Gunaydin G.
Annual Meeting of the American-College-of-Sports-Medicine (ACSM), Massachusetts, United States Of America, 31 May - 04 June 2016, vol.48, pp.903
- IV. **Serum total sialic acid levels in overt and subclinical hypothyroid patients and its relationship with atherosclerotic risk factors**
ALTAY M., KARAKOÇ M. A. , ÇAKIR N., CERİT E. T. , AKTÜRK M. Y. , YILMAZ-DEMİRTAŞ C., BUKAN N., ARSLAN M.
17th European Congress of Endocrinology Ireland, Dublin 16 May 2015 - 20 May 2015, 16 - 20 May 2015
- V. **Pelvik kitleli olan kadınlarda serum CA 125 ve HE 4 düzeyinin karşılaştırılması**
aslın K., ONAN M. A. , YILMAZ-DEMİRTAŞ C., BUKAN N., ERDEM M., GÜNER H.
TJOD 2015 kongresi, Turkey, 11 - 15 May 2015
- VI. **Resmi tatil günlerinin laboratuvar analitik performansı üzerine etkisi**

ZORLU E. H. , KOCABIYIK M., ÇIRACI M. Z. , GÜLBAHAR Ö., YILMAZ-DEMİRTAŞ C., ELBEG Ş., BUKAN N., PAŞAOĞLU H. Klinik Biyokimya Uzmanlar Derneği / Uluslararası Katılımlı Kongre ve Lab Expo 2013, Turkey, 24 - 28 September 2013

VII. **Neutrophil gelatinase associated lipocalin levels in isolated coronary artery ectasia**

AKYEL A., ŞAHİNARSLAN A., KIZILTUNÇ E., YILDIZ Ü., ALSANCAK Y., AKBOĞA M. K. , YAYLA Ç., TOPAL S., BUKAN N., ÖZDEMİR H. M.

27. Ulusal Kardiyoloji Kongres, Turkey, 27 - 30 October 2011, vol.39

VIII. **The Relation of Serum Monocyte Chemoattractant Protein-1 and the Extent and Severity of Coronary Atherosclerosis in Patients with Stable Angina**

ŞAHİNARSLAN A., Kocaman S., TOPAL S., Ercin U., Kiziltunc E., BUKAN N., Timurkaynak T.

World Congress of Cardiology Scientific Sessions, Beijing, China, 16 - 19 June 2010, vol.122

IX. **The effects of rosiglitazone on insulin resistance and oxidative stress in non-obese patients with polycystic ovary syndrome**

Bukan N., Yilmaz M., Ayvaz G., Karakoc A., Toruner F., Cakir N., Arslan M.

European Congress of Clinical Biochemistry and Laboratory Medicine (EUROMEDLAB 2005), Glasgow, England, 8 - 12 May 2005, vol.355

X. **Interleukin 17 and interleukin 18 in familial Mediterranean fever**

Haznedaroglu S., Ozturk M., Sancak B., Goker B., Onat A., Bukan N., Ertenli I., Kiraz S., Calguneri M.

Annual European Congress of Rheumatology (EULAR 2004), Berlin, Germany, 9 - 12 June 2004, vol.63, pp.486

Supported Projects

BUKAN N., Project Supported by Higher Education Institutions, Alzheimer Hastalığı'na yeni bir bakış; kalsiyum kanal inhibitörleri, 2020 - Continues

BUKAN N., Project Supported by Higher Education Institutions, Psöriasis Hastalarında Apoptosisin Değerlendirilmesi; Apoptosisin Bu Hastalığın Prognozu ve Tedaviye Yanıtları ile İlişkinin Araştırılması, 2006 - Continues

BUKAN N., Project Supported by Higher Education Institutions, Memeli dokularında yaşlılığa bağlı olarak değişen stres yanıtlarından sorumlu olan moleküler değişikliklerin inc., 2002 - Continues

Bahçelioglu M., Ömeroğlu S., Bukan N., Akarca Dizakar S. Ö. , Gözil R., Alim E., Abbasoğlu Topa E. G. , Çalığışu A., Kılınc H., Barç D. E. , et al., Project Supported by Higher Education Institutions, Investigation of the transauricular vagal nerve stimulation effects, in experimental autistic mice model, on nervous system development and morphology, biochemical biomarkers and behavior, 2020 - 2022

BUKAN N., Project Supported by Higher Education Institutions, Medikal Tedaviye Dirençli Majör Depresif Bozukluk Tanılı Hastalarda Triptofan, Kinürenin Yolağı Metabolitleri, BDNF ve İnflamatuvar Belirteçlerin Serum Düzeylerinin Elektrokonvülsif Terapi ve Tekrarlanan Transkranyal Manyetik Stimülasyon Tedavisi Sonrasında Değişiminin Değerlendirilmesi, 2018 - 2019

BUKAN N., Project Supported by Higher Education Institutions, TÜKETİCİ EGZERSİZ YAPTIRILAN SIÇANLARIN KALP DOKULARINDA, OKSİDATİF VE İNFLAMATUVAR SÜREÇ İLE PARAOKSONAZ 1 ENZİM AKTİVİTESİ ARASINDAKİ İLİŞKİNİN BELİRLENMESİ, 2017 - 2019

BUKAN N., Project Supported by Higher Education Institutions, HAFİF KOGNİTİF BOZUKLUK VE ERKEN EVRE ALZHEİMER HASTALARINDA AÇLIK SERUM GHRELİN VE LEPTİN SEVİYELERİNİN VE METABOLİK ETKİLERİNİN İNCELENMESİ, 2016 - 2018

BUKAN N., Project Supported by Higher Education Institutions, Obez ve obez olmayan polikistik over sendromlu hastaların NöropeptidY, Angptl 4, omentin plazma değerlerinin araştırılması., 2010 - 2013

BUKAN N., Project Supported by Higher Education Institutions, Tiroid Fonksiyonları ile Serum Angiopietin-Like Protein 3, Leptin ve Visfatin Düzeyleri Arasındaki İlişki, 2011 - 2012

BUKAN N., Project Supported by Higher Education Institutions, TESTİS İSKEMİ REPERFÜZYON MODELİNDE BİYOKİMYASAL PARAMETRELERİN DEĞERLENDİRİLMESİ, 2010 - 2011

Citations

Total Citations (WOS):1667

h-index (WOS):23