Asst. Prof. ZEYNEP KÜSKÜ KİRAZ

Personal Information

Email: zkkiraz@ogu.edu.tr
Web: https://avesis.ogu.edu.tr/zkkiraz

International Researcher IDs
ScholarID: 8Q3aXx8AAAAJ
ORCID: 0000-0001-7375-8486
ScopusID: 27867887600
Yoksis Researcher ID: 168708

Education Information

Expertise In Medicine, Istanbul University, Tıp Fakültesi, Turkey 2015 - 2019
Undergraduate, Baskent University, School Of Medıcıne, Tıp Pr. (Tam Burslu), Turkey 2000 - 2006

Research Areas

Health Sciences

Academic Titles / Tasks

Assistant Professor, Eskisehir Osmangazi University, Tıp Fakültesi, 2015 - Continues
Research Assistant, Istanbul University, Istanbul Medical Faculty, Basic Medical Sciences, 2007 - 2013

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Immature granulocytes as biomarkers of inflammation in children with predialysis chronic kidney disease**
ÇETİN N., KOCATÜRK E., Tufan A. K., Kiraz Z. K., ALATAŞ İ. Ö.
PEDIATRIC NEPHROLOGY, vol.38, no.1, pp.219-225, 2023 (SCI-Expanded)

II. **Relation of serum irisin levels to obesity and non-alcoholic fatty liver disease**
ULUALAN G., KÜSKÜ KİRAZ Z., KIREL B.
TURKISH JOURNAL OF PEDIATRICS, vol.64, no.2, pp.246-254, 2022 (SCI-Expanded)

III. **Oxidative Status and Thiol/Disulfide Homeostasis Are Changed During 75 g Oral Glucose Tolerance Test over a Five-Hour Period**
KÜSKÜ KİRAZ Z., Kar E., Kar F., KOCATÜRK E., KEBAPÇI M. N., ALATAŞ İ. Ö., USLU S.
JOURNAL OF INVESTIGATIVE SURGERY, vol.35, no.8, pp.1626-1634, 2022 (SCI-Expanded)

IV. **A new approach for diagnosing hematological malignancies using monocytosis workflow optimization and abnormal lymphocyte/blast flag of Sysmex XN series of blood count analyzers**
Kocatürk E., Küskü Kiraz Z., Üsküdar Teke H., Demir Ş. S., Alataş İ. Ö.
INTERNATIONAL JOURNAL OF LABORATORY HEMATOLOGY, vol.42, pp.744-749, 2020 (SCI-Expanded)

V. **Serum Presepsin, Proadrenomedullin and Triggering Receptor Expressed on Myeloid Cells-1 (TREM-1) as Biomarkers for the Diagnosis of Acute Pyelonephritis**

ÇETİN N., KÜSKÜ KİRAZ Z., Gencler A.
INDIAN PEDIATRICS, vol.57, no.8, pp.715-718, 2020 (SCI-Expanded)

VI. **Comparison of measured and calculated osmolality levels**
KAR E., KOCATÜRK E., KÜSKÜ KİRAZ Z., Demiryurek B., ALATAŞ İ. Ö.
CLINICAL AND EXPERIMENTAL NEPHROLOGY, vol.24, no.5, pp.444-449, 2020 (SCI-Expanded)

VII. **The predictive value of procalcitonin, C-reactive protein, presepsin, and soluble-triggering receptor expressed on myeloid cell levels in bloodstream infections in pediatric patients with febrile neutropenia**
Ozdemir Z. C., Duzenli-Kar Y., Canik A., KÜSKÜ KİRAZ Z., ÖZEN H., BÖR Ö.
TURKISH JOURNAL OF PEDIATRICS, vol.61, no.3, pp.359-367, 2019 (SCI-Expanded)

VIII. **EVALUATION OF URINE NETRIN-1, C-C MOTIF CHEMOKINE LIGAND-2 AND NEUTROPHIL GELATINASE-ASSOCIATED LIPOCALIN LEVELS IN CHILDREN WITH MULTICYSTIC DYSPLASTIC KIDNEY**
ÇETİN N., KÜSKÜ KİRAZ Z., Sav N. M., Tufan A. K.
PEDIATRIC NEPHROLOGY, vol.33, no.10, pp.1858, 2018 (SCI-Expanded)

IX. **Effects of betaine supplementation on nitric oxide metabolism, atherosclerotic parameters, and fatty liver in guinea pigs fed a high cholesterol plus methionine diet**
KÜSKÜ KİRAZ Z., Genc S., Bekpinar S., Unlucerci Y., Cevik A., Olgac V., Gurdol F., Uysal M.
NUTRITION, vol.45, pp.41-48, 2018 (SCI-Expanded)

X. **Ischemia-modified albumin and other inflammatory markers in the diagnosis of appendicitis in children**
Nazik S., Avci V., KÜSKÜ KİRAZ Z.
ULUSAL TRAVMA VE ACIL CERRAHI DERGISI-TURKISH JOURNAL OF TRAUMA & EMERGENCY SURGERY, vol.23, no.4, pp.317-321, 2017 (SCI-Expanded)

XI. **Serum paraoxonase-1 gene polymorphism and enzyme activity in patients with urolithiasis**
Atar A., GEDİKBAŞI A., Sonmezay E., KÜSKÜ KİRAZ Z., Abbasoglu S., Tasci A. I., Tugcu V.
RENAL FAILURE, vol.38, no.3, pp.378-382, 2016 (SCI-Expanded)

XII. **Circulating levels of apelin, glucagon-like peptide and visfatin in hypercholesterolemic-hyperhomocysteinemic guinea-pigs: their relation with NO metabolism**
Kusku-Kiraz Z., Genc S., BEKPINAR S., Unlucerci Y., Olgac V., Uysal M., Gurdol F.
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.400, no.1-2, pp.69-75, 2015 (SCI-Expanded)

XIII. **Antidiabetic drug metformin is effective on the metabolism of asymmetric dimethylarginine in experimental liver injury**
Bal F., BEKPINAR S., Unlucerci Y., Kusku-Kiraz Z., Onder S., Uysal M., Gurdol F.
DIABETES RESEARCH AND CLINICAL PRACTICE, vol.106, no.2, pp.295-302, 2014 (SCI-Expanded)

XIV. **Modulation of arginine and asymmetric dimethylarginine concentrations in liver and plasma by exogenous hydrogen sulfide in LPS-induced endotoxemia**
BEKPINAR S., Develi-Is S., Unlucerci Y., Kusku-Kiraz Z., Uysal M., Gurdol F.
CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, vol.91, no.12, pp.1071-1075, 2013 (SCI-Expanded)

XV. **The diagnostic role of human epididymis protein 4 and serum amyloid-A in early-stage endometrial cancer patients**
Omer B., Genc S., TAKMAZ Ö., DİRİCAN A., Kusku-Kiraz Z., Berkman S., Gurdol F.
TUMOR BIOLOGY, vol.34, no.5, pp.2645-2650, 2013 (SCI-Expanded)

XVI. **Vascular endothelial growth factor+405 G/C,-460 T/C and-2578 A/C polymorphisms are not associated with insulin resistance in polycystic ovary syndrome**
VURAL P., KÜSKÜ KİRAZ Z., Dogru-Abbasoglu S., Cil E., Karadag B., Uysal M.
INTERNATIONAL JOURNAL OF IMMUNOGENETICS, vol.37, no.4, pp.239-243, 2010 (SCI-Expanded)

XVII. **The effect of carnosine pretreatment on oxidative stress and hepatotoxicity in binge ethanol administered rats**
Artun B. C., KÜSKÜ KİRAZ Z., Gulluoglu M., Cevikbas U., Kocak-Toker N., Uysal M.
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.29, no.8, pp.659-665, 2010 (SCI-Expanded)

XVIII. **Effect of carnosine treatment on oxidative stress in serum, apoB-containing lipoproteins fraction and erythrocytes of aged rats**
Aydin A. F., Kusku-Kiraz Z., Dogru-Abbasoglu S., Uysal M.
PHARMACOLOGICAL REPORTS, vol.62, no.4, pp.733-739, 2010 (SCI-Expanded)

XIX. **Artichoke Leaf Extract reduces Oxidative Stress and Lipoprotein Dyshomeostasis in Rats Fed on High Cholesterol Diet**
KÜSKÜ KİRAZ Z., Mehmetcik G., Dogru-Abbasoglu S., Uysal M.
PHYTOTHERAPY RESEARCH, vol.24, no.4, pp.565-570, 2010 (SCI-Expanded)

XX. **Effect of carnosine against thioacetamide-induced liver cirrhosis in rat**
Aydin A. F., Kusku-Kiraz Z., Dogru-Abbasoglu S., Gulluoglu M., Uysal M., Kocak-Toker N.
PEPTIDES, vol.31, no.1, pp.67-71, 2010 (SCI-Expanded)

XXI. **Vascular endothelial growth factor-2578 A/C,-460 T/C and+405 G/C polymorphisms in polycystic ovary syndrome**
VURAL P., Kusku-Kiraz Z., Dogru-Abbasoglu S., Cil E., Karadag B., Akgul C., Uysal M.
EUROPEAN JOURNAL OF OBSTETRICS & GYNECOLOGY AND REPRODUCTIVE BIOLOGY, vol.147, no.1, pp.57-60, 2009 (SCI-Expanded)

Articles Published in Other Journals

I. **Increased insulin secretion suppresses cortisol levels, exacerbates inflammation and beta-cell dysfunction Increased insulin resistance with cortisol levels and HOMA- beta**
KOCATÜRK E., KAR E., KÜSKÜ KİRAZ Z., ALATAŞ İ. Ö.
ANNALS OF CLINICAL AND ANALYTICAL MEDICINE, vol.12, no.4, pp.365-369, 2021 (ESCI)

II. **HB UBE-2 variant hemoglobin case detected during HBA1C measurement**
Kocatürk E., Küskü Kiraz Z., Demir Ş. S., Çilingir O., Üsküdar Teke H., Alataş İ. Ö.
Cukurova Medical Journal, vol.46, no.2, pp.866-868, 2021 (ESCI)

III. **Ankilozan spondilit hastalarında böbrek taşı oluşumu ile bağırsak enflamasyonu arasındaki ilişkinin değerlendirilmes**
Demirhan H., Temel T., Akçar Değirmenci N., Küskü Kiraz Z., Demir Ş. S., Üsküdar Cansu D., Korkmaz C.
Ulusal Romatoloji Dergisi, vol.1, no.13, pp.17-21, 2021 (Peer-Reviewed Journal)

IV. **Insulin resistance and pancreatic β cell dysfunction are associated with thyroid hormone functions: A cross-sectional hospital-based study in Turkey**
KOCATÜRK E., KAR E., KÜSKÜ KİRAZ Z., Alataş Ö.
Diabetes and Metabolic Syndrome: Clinical Research and Reviews, vol.14, no.6, pp.2147-2151, 2020 (ESCI)

V. **Transforming growth factor-beta 1 and endoglin levels in congenital solitary functioning kidney**
ÇETİN N., Sav N. M., KÜSKÜ KİRAZ Z., Gencler A.
INDIAN JOURNAL OF NEPHROLOGY, vol.30, no.4, pp.270-276, 2020 (ESCI)

VI. **The Level of Serum C-Reactive Protein and Neutrophil Lymphocyte Ratio According to Thyroid Function Status**
KAR F., KÜSKÜ KİRAZ Z., KOCATÜRK E., USLU S.
CLINICAL AND EXPERIMENTAL HEALTH SCIENCES, vol.10, no.2, pp.142-147, 2020 (ESCI)

VII. **Assessment of Phosphate and Osmolarity Levels in Chronically Administered Eye Drops**
ÖZALP O., ATALAY E., Alata İ. Ö., KÜSKÜ KİRAZ Z., YILDIRIM N.
TURK OFTALMOLOJI DERGISI-TURKISH JOURNAL OF OPHTHALMOLOGY, vol.49, no.3, pp.123-129, 2019 (ESCI)

VIII. **Relation of serum irisin levels, non-alcoholic fatty liver disease, glucose and lipid metabolism parameters in obese children**
Ulualan G., KÜSKÜ KİRAZ Z., KİREL B.
Endocrine Abstracts, 2018 (Peer-Reviewed Journal)

IX. **Eskişehir'deki Psikiyatrik Hastalarda Folat ve B12 Vitamin Seviyelerinin Değerlendirilmesi**
KAR F., HACIOĞLU C., KÜSKÜ KİRAZ Z., USLU S., KANBAK G.

Turkish Journal of Life Sciences, vol.3, no.1, pp.210-213, 2018 (Peer-Reviewed Journal)

X. **Evaluation of ischemia-modified albumin level and parameters related with oxidative stress in early onset androgenetic alopecia**
NAZİK H., NAZİK S., KÜSKÜ KİRAZ Z., GÜL F. Ç., DEMİR B.
TURKDERM, vol.51, no.4, pp.115-118, 2017 (Peer-Reviewed Journal)

XI. **Association between Newly Diagnosed Essential Hypertension, Smoking, Assymetric Dimethylarginine and ischemia-Modified Albumin**
Altuntas E., BENGÜ A. Ş., KÜSKÜ KİRAZ Z., MERTOĞLU C., Dalar L., Usalp S., Ciftci C.
ISTANBUL MEDICAL JOURNAL, vol.18, no.2, pp.86-90, 2017 (ESCI)

XII. **The relation of oxidative stress biomarkers with proinflammatory cytokines in gestational diabetes**
GENÇ N. S., KÜSKÜ KİRAZ Z., DERVİŞOĞLU E., Oztop N., DİNÇÇAĞ N., GÜRDÖL F. M.
Clinical Investigation, vol.7, no.2, pp.43-48, 2017 (Peer-Reviewed Journal)

XIII. **Alt Referans Limitleri Düzenleyerek Bir Hastanın Yaşamına Dokunmak: Bir Hipofosfatazya Vakası**
KÜSKÜ KİRAZ Z., Bozacı A. e., CANİK A., ÇAKIL SAĞLIK A., Durmuş Aydoğdu S., ALATAŞ İ. Ö.
Türk Klinik Biyokimya Dergisi, vol.15, no.2, pp.79, 2017 (Peer-Reviewed Journal)

XIV. **The Association of Glycemic Markers with Plasma Adipocytokine Levels in Women with Gestational Diabetes**
Oztop N., KÜSKÜ KİRAZ Z., Dervisoglu E., Dinccag N., Genc S.
JOURNAL OF DIABETES & METABOLISM, vol.7, no.9, 2016 (ESCI)

XV. **SERUM PARAOXANASE 1 GENE POLYMORPHISM AND ENZYMEACTIVITY IN PATIENTS WITH UROLITHIASIS**
GEDİKBAŞI A., ATAR A., SÖNMEZAY E., KÜSKÜ KİRAZ Z., ABBASOĞLU S., TAŞÇI A. İ., TUĞCU V.
THE JOURNAL OF UROLOGY, 2015 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **Hemoliz, lipemi ve ikter interferansinin kapiller serum protein elektroforezi ölçümlerinde etkisi**
Demiryürek B., Küskü Kiraz Z., Kocatürk E.
XIII. Ulusal Klinik Biyokimya Kongresi, Antalya, Turkey, 27 April 2023, pp.190

II. **Major depresyon ile bipolar depreyonun ayrımında nörotransmitter ve yıkım ürünleri düzeylerinin incelenmesi**
Demir Ş. S., KOCATÜRK E., KÜSKÜ KİRAZ Z., KAYADİBİ H., ALATAŞ İ. Ö., YENİLMEZ Ç., ÇOLAK E., Gündoğdu İ.
Uluslararası Katılımlı 22. Ulusal Klinik Biyokimya Kongresi, Turkey, 12 May 2022

III. **LİPEMİNİN TAM KAN SAYIMI ANALİZÖRÜNDE HEMOGLOBİN ÖLÇÜMÜ ÜZERİNE ETKİSİ**
KOCATÜRK E., DEMİR Ş. S., KÜSKÜ KİRAZ Z., ALATAŞ İ. Ö.
Uluslararası Laboratuvar Tıbbı ve XX.Ulusal Klinik Biyokimya Kongresi, Turkey, 25 - 26 December 2020

IV. **İdrar yolu enfeksiyonu olan çocuklarda serum presepsin, proadrenomedulin, Trem-1 ve idrar ribonükleaz düzeyleri**
ÇETİN N., KÜSKÜ KİRAZ Z., GENÇLER A., KAVAZ TUFAN A.
Uluslararası Katılımlı 10. Çocuk Nefroloji Kongresi, BODRUM/MUĞLA, Turkey, 1 - 04 May 2019

V. **IS THERE ANY RELATIONSHIP BETWEEN THYROID FUNCTIONTESTS AND INFLAMMATION?**
KAR F., KÜSKÜ KİRAZ Z., KOCATÜRK E., USLU S.
Uluslararası Laboratuvar Tıbbı ve XIX. Ulusal Klinik Biyokimya Kongresi, 25 - 28 April 2019

VI. **THE RELATION BETWEEN SERUM ANTI-MULLERIAN HORMONE LEVELS, THYROID FUNCTIONS AND BLOOD COUNT PARAMETERS**
KÜSKÜ KİRAZ Z., KAR F., KOCATÜRK E., ALATAŞ İ. Ö.
Uluslararası Laboratuvar Tıbbı ve XIX. Ulusal Klinik Biyokimya Kongresi, 25 - 28 April 2019

VII. **PROSTATE CANCER: A POPULATION BASED CASE CONTROL STUDY IN RELATION TO FOLATE AND B12 LEVELS**
KAR F., KÜSKÜ KİRAZ Z., USLU S., MUSMUL A.

1st International Ahi Evran Medicine and Health Science Congress, 11 - 14 April 2019

VIII. **An Example Of A Scale Study About The Preanalytical Period: How Much Do Our Staffs Know?**
KÜSKÜ KİRAZ Z., ÇOLAK E., Çoban A., Yiğitel A., Tosun B., Koyuncu D., Çıta E., Salar E., Tombul G., Azılı M.
5th EFLM-UEMS European Joint Congress in Laboratory Medicine, Antalya, Turkey, 10 - 13 October 2018

IX. **Association Of ABO and Rhesus Blood Groups With Cancer**
KOCATÜRK E., KÜSKÜ KİRAZ Z., USLU S., ALATAŞ İ. Ö.
5th EFLM-UEMS Eurapian Joint Congress in Laboratory Medicine, 10 - 13 October 2018, vol.56, pp.203-359

X. **Evaluation of antioxidant capacity and total oxidant status of breast milk of preterm and term neonates during the course of lactation and within a single nursing period**
Deniz A., KÜSKÜ KİRAZ Z., Sekili Z., TEKİN A. N., AYDEMİR Ö.
26. European Congress of Perinatal Medicine, St Petersburg, Russia, 5 - 08 September 2018, pp.494

XI. **Psikiyatrik Hastalarda Folat ve B12 Vitamin Seviyelerinin Değerlendirilmesi**
KAR F., HACIOĞLU C., KÜSKÜ KİRAZ Z., USLU S., KANBAK G.
International Eurasian Conference onBiological and Chemical Sciences, 26 - 27 April 2018

XII. **Pediatrik Febril Nötropenide Kan dolaşımı Enfeksiyonlarını Öngörmede Prokalsitonin, C-reaktif protein, Presepsin ve sTREM-1 (Solubl-myeloid hücrelerde eksprese edilen tetikleyici reseptör) düzeylerinin önemi**
ÖZDEMİR Z. C., DÜZENLİ KAR Y., CANİK A., KÜSKÜ KİRAZ Z., ÖZEN H., BÖR Ö.
11.Ulusal Çocuk Enfeksiyon Hastalıkları Kongresi, Antalya, Turkey, 4 - 08 April 2018

XIII. **Biotin Interference In Roche Cobas 8000 Analyzer: A Case Report Of Pseudo-Hyperthyroidism in A Patient with Renal Failure**
ALATAŞ İ. Ö., KÜSKÜ KİRAZ Z., KİREL B.
The 29th World Congress of Association of Societies of Pathology and Laboratory Medicine, Kyoto, Japan, 15 - 18 November 2017

XIV. **Sıçanlarda L-Asparaginaz ile oluşturulan karaciğer ve pankreas hasarı üzerine N-Asetilsisteinin'in etkisi**
ÖZDEMİR Z. C., YURTTAŞ G., KAR E., TANRIKURT C., KÜSKÜ KİRAZ Z., BÖR Ö.
43. Ulusal Hematoloji Kongresi, Turkey, 1 - 04 November 2017

XV. **The Diagnostic And Predictive Values Of Human Epididymis Protein 4, Ca 125 And Roma Index In Endometrium Cancer**
GENÇ N. S., KÜSKÜ KİRAZ Z., TAKMAZ Ö., GÜRDÖL F. M., ÖMER B.
22nd IFCC-EFLM European Congress of Clinical Chemistry and Laboratory Medicine, Atina, Greece, 11 - 15 June 2017, vol.55

XVI. **Alt Referans Limitleri Düzenleyerek Bir Hastanın Yaşamına Dokunmak: Bir Hipofosfatazya Vakası**
KÜSKÜ KİRAZ Z., Bozacı A. E., CANİK A., ÇAKIL SAĞLIK A., Durmuş Aydoğdu S., ALATAŞ İ. Ö.
Uluslararası Katılımlı XVII. Klinik Biyokimya Kongresi, Girne, Cyprus (Kktc), 4 - 07 May 2017, vol.15, pp.79

XVII. **İskemi Modifiye Albumin ve Diğer Enflamutuar Belirteçlerin Çocuk Apandisit Tanısındaki Yeri**
Nazik S., Avcı V., KÜSKÜ KİRAZ Z.
6. Türkiye EKMUD Kongresi, Turkey, 11 - 15 May 2016, pp.28

XVIII. **Sol Ventrikül Hipertrofisinin Eşlik Ettiği Esansiyel Hipertansiyon Hastalarında ADMA ve İskemi Modifiye Albumin Düzeyleri: Sigaranın Etkisi**
KÜSKÜ KİRAZ Z., Altuntaş E., BENGÜ A. Ş., MERTOĞLU C., ÇİFTÇİ Ç.
Uluslararası Katılımlı XVI. Klinik Biyokimya Kongresi, 5 - 08 May 2016

XIX. **Psöriasis Hastalarında Serum Lipit Düzeyleri**
CANİK A., KÜSKÜ KİRAZ Z., ALATAŞ İ. Ö.
Uluslararası Katılımlı XVI. Klinik Biyokimya Kongresi, 5 - 08 May 2016

XX. **The Diagnostic Value of Ischemia Modified Albumin in Fibromyalgia**
KÜSKÜ KİRAZ Z., MERTOĞLU C., HABİBOĞLU A., Altuntaş E., GÜRDÖL F. M.
21st IFCC Europen Congress of Clinical Chemistry and Laboratory Medicine, Paris, France, 21 - 25 June 2015, vol.53, pp.1418

XXI. **SERUM PARAOXANASE 1 GENE POLYMORPHISM AND ENZYMEACTIVITY IN PATIENTS WITH**

UROLITHIASIS

GEDİKBAŞI A., ATAR A., ERKAN S., KÜSKÜ KİRAZ Z., ABBASOĞLU S., TAŞÇI A. İ., VOLKAN T.

Joint Meeting of the Society for Pediatric Urology and American Urological Association, 16 - 18 May 2014, vol.193, pp.415

XXII. **Glucose homeostasis in hyperhomocysteinemic hypercholesterolemic guinea pigs The roles of apelin and visfatin**

KÜSKÜ KİRAZ Z., GENÇ N. S., BEKPINAR S., Ünlüçerçi Y., UYSAL M. M., GÜRDÖL F. M.

22. International Congress of Clinical Chemistry and Laboratory Medicine (IFCC WorldLab), İstanbul, Turkey, 22 - 26 June 2014, vol.52, pp.1366

XXIII. **Effect of artichoke extract on peroxidation status on apo B containing lipoproteins and serum lipid composition in rats fed on high cholesterol diet**

KÜSKÜ KİRAZ Z., MEHMETÇİK G., ABBASOĞLU S., UYSAL M. M.

III. International Congress of Molecular Medicine, 5 - 08 June 2009

Metrics

Publication: 61
Citation (WoS): 278
Citation (Scopus): 53
H-Index (WoS): 9
H-Index (Scopus): 5