

Prof. Ednan BAYRAM

Personal Information

Web: <https://avesis.atauni.edu.tr/e.bayram>

International Researcher IDs

ORCID: 0000-0002-5738-9307

Yoksis Researcher ID: 114359

Research Areas

Health Sciences

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The Role of Cardiac Ganglia in the Prevention of Coronary Atherosclerosis: An Analytical Examination of Cholesterol-fed Rabbits**
KOZA Y., AYDIN M. D., BAYRAM E., ŞİPAL S., Altas E., Soyalp C., Koza E. A.
BALKAN MEDICAL JOURNAL, vol.37, no.2, pp.79-83, 2020 (SCI-Expanded)
- II. **Neurogenic Stress Cardiomyopathy Following Subarachnoid Hemorrhage Is Associated with Vagal Complex Degeneration: First Experimental Study.**
KOZA Y., AYDIN N., AYDIN M. D., KOZA E. A., BAYRAM E., ATALAY C., ALTAS E., Kursad H., KABALAR M. E.
World neurosurgery, vol.129, 2019 (SCI-Expanded)
- III. **Predictive Role of the Cervical Sympathetic Trunk Ischemia on Lower Heart Rates in an Experimentally Induced Stenoocclusive Carotid Artery Model by Bilateral Common Carotid Artery Ligation**
KOZA Y., BAYRAM E., AYDIN M. D., ATALAY C., ÖNEN M. R., Ozturk C., ŞİPAL S., DEMİRCİ E., LEVENT A.
CARDIOVASCULAR TOXICOLOGY, vol.19, no.1, pp.56-61, 2019 (SCI-Expanded)
- IV. **A New Determinant of Poor Outcome After Spontaneous Subarachnoid Hemorrhage: Blood pH and the Disruption of Glossopharyngeal Nerve-Carotid Body Network: First Experimental Study.**
KANAT A., Aydin M. D., BAYRAM E., KAZDAL H., AYDIN N., OMEROGLU M. A., ALTINKAYNAK K., KABALAR M., YOLAS C., OZTURK C., et al.
World neurosurgery, vol.104, pp.330-338, 2017 (SCI-Expanded)
- V. **Coronary fat embolism following subarachnoid hemorrhage: an experimental study**
BAYRAM E., Atalay C., ALTAŞ E., KOZA Y., KABALAR E., AÇIKEL M., AYDIN M. D.
CARDIOVASCULAR PATHOLOGY, vol.28, pp.31-35, 2017 (SCI-Expanded)
- VI. **Acute Mitral Valve Dysfunction Due to Escape of Prosthetic Mechanical Leaflet and Peripheral Leaflet Embolization**
Calik E., Limandal H. K., Arslan Ü., Tort M., Yildiz Z., BAYRAM E., Dag O., Kaygin M. A., Erkut B.
HEART SURGERY FORUM, vol.18, no.6, 2015 (SCI-Expanded)
- VII. **The Correlation of ECHO findings of Right Cardiac Pathologies with BNP Uric Acid and CRP in OSAS**
ARAZ Ö., YILMAZEL UÇAR E., DEĞIRMENCİ H., DİDEM P., ACEMOĞLU H., BAYRAM E., GÜNDÖĞDU F., AKGÜN M.
Turkish Journal Of Medical Sciences, 2013 (SCI-Expanded)
- VIII. **Effects of hypertension and ovariectomy on rat hepatocytes. Are amlodipine and lacidipine protective? (A stereological and histological study)**
DURSUN H., ALBAYRAK F., UYANIK A., KELEŞ N., BEYZAGÜL P., BAYRAM E., HALICI Z., ALTUNKAYNAK Z.,

- SÜLEYMAN H., Okçu N., et al.
TURKISH JOURNAL OF GASTROENTEROLOGY, vol.21, no.4, pp.387-395, 2010 (SCI-Expanded)
- IX. Effects of three different methods of anesthesia on the release of brain natriuretic peptide in patients with cardiac risk undergoing lower extremity surgery
ATALAY C., DAĞLI C., Bayram E., Alici H. A., ERDEM A. F., KELEŞ M. S., Yuksek S.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.40, no.3, pp.405-414, 2010 (SCI-Expanded)
- X. Antihypertensive role of glossopharyngeal nerve stimulation by nifedipine using as calcium channel blocking agent in hypertension: An experimental study
AYDIN M. D., Bayram E., HALICI Z., AYDIN N., ATALAY C., Ulvi H., KOTAN D., Gundogdu C.
Archives of Pharmacal Research, vol.32, no.11, pp.1607-1611, 2009 (SCI-Expanded)
- XI. Destructive effect of monopolar electrocautery knife usage on femoral artery endothelium during spine surgery: experimental study.
BAYRAM E., CALIK M., ATALAY C., Aydin M. D., GUNDOGDU C., KOCATURK H.
The Eurasian journal of medicine, vol.41, pp.91-4, 2009 (SCI-Expanded)
- XII. Preventive effect of amiodarone during acute period in isoproterenol- induced myocardial injury in wistar rats
ALBAYRAK F., BAYIR Y., HALICI Z., KABALAR E., Bayram E., OZTURK C., Suleyman H., KELEŞ M. S., Kurt M., BAKAN E.
Cardiovascular Toxicology, vol.9, no.4, pp.161-168, 2009 (SCI-Expanded)
- XIII. Natal and Postnatal Approach in a Fetus with Intrauterine Cystic Hygroma: Case Report
ATALAY C., Aykan S., Bayram E., DOĞAN N.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.38, no.6, pp.609-612, 2008 (SCI-Expanded)
- XIV. An Investigation of the Association Between Coronary Artery Dominance and Coronary Artery Variations With Coronary Arterial Disease by Multidetector Computed Tomographic Coronary Angiography
EREN S., Bayram E., FIL F., KOPLAY M., SIRVANCI M., DURAN C., SAĞSÖZ M. E., Diyarbakir S., Okur A., Kantarci M.
JOURNAL OF COMPUTER ASSISTED TOMOGRAPHY, vol.32, no.6, pp.929-933, 2008 (SCI-Expanded)
- XV. Anomalous origin of the right coronary artery arising from the left anterior descending artery in a case with single coronary artery anomaly: multi-detector computer tomography imaging
Bayram E., KOCATUERK H., Kantarci M., FIL F., COLAK M. C.
ANATOLIAN JOURNAL OF CARDIOLOGY, vol.8, no.5, pp.385-386, 2008 (SCI-Expanded)
- XVI. The role of adrenomedullin and brain natriuretic peptide levels in acute rheumatic fever in adults,
The Anatolian Journal Of Cardiology, vol.8, pp.188-191, 2008
BAYRAM E., ATALAY C., KOCATÜRK H., YÜCEL O.
ANADOLU KARDIYOLOJİ DERGİSİ-THE ANATOLIAN JOURNAL OF CARDIOLOGY, vol.8, pp.188-191, 2008 (SSCI)
- XVII. The role of adrenomedullin and brain natriuretic peptide levels in acute rheumatic fever in adults
Bayram E., Kocaturk H., YÜCEL O., ATALAY C., Colak M. C., Atesal S.
ANADOLU KARDIYOLOJİ DERGİSİ-THE ANATOLIAN JOURNAL OF CARDIOLOGY, vol.8, no.3, pp.188-191, 2008 (SCI-Expanded)
- XVIII. Vascular mechanism of axonal degeneration in peripheral nerves in hemiplegic sides after cerebral hemorrhage: An experimental study.
GUNDOGDU C., Aydin M. D., KOTAN D., AYDIN N., BAYRAM E., ULVI H., AYGUL R.
Journal of brachial plexus and peripheral nerve injury, vol.3, pp.13, 2008 (SCI-Expanded)
- XIX. Multidetector computed tomography findings of arrhythmogenic right ventricular dysplasia: A case report
Kantarci M., BAYRAKTUTAN Ü., SEVİMLİ S., Bayram E., DURUR I.
HEART SURGERY FORUM, vol.11, no.1, 2008 (SCI-Expanded)
- XX. A real-time transthoracic echocardiographic imaging of pulmonary embolism in a patient with suspected primary anti phospholipid syndrome
Kocatuerk H., Colak M. C., Yilmaz M., Bayram E., Atesal S.
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- XXI. Spontaneous coronary artery dissection: Noninvasive diagnosis with multidetector CT angiography

- Kantarci M., Ogul H., Bayraktutan U., Gundogdu F., Bayram E.
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- XXII. How image quality can be improved: our experience with multidetector computed tomography coronary angiography**
 OZTURK E., Kantarci M., DURUR-SUBASI I., Bayraktutan U., Karaman A., Bayram E., Ogul H., Ceviz N.
 CLINICAL IMAGING, vol.31, no.1, pp.11-17, 2007 (SCI-Expanded)
- XXIII. The role of neuron numbers of the petrosal ganglion in the determination of blood pressure: an experimental study.**
 Aydin M. D., BAYRAM E., ATALAY C., AYDIN N., ERDOĞAN A., GUNDOGDU C., DIYARBAKIRLI S.
 Minimally invasive neurosurgery : MIN, vol.49, pp.359-61, 2006 (SCI-Expanded)
- XXIV. Remarkable anatomic anomalies of coronary arteries and their clinical importance: A multidetector computed tomography angiographic study**
 DURAN C., Kantarci M., SUBASI I. D., GULBARAN M., Sevimli S., Bayram E., Eren S., Karaman A., FIL F., Okur A.
 JOURNAL OF COMPUTER ASSISTED TOMOGRAPHY, vol.30, no.6, pp.939-948, 2006 (SCI-Expanded)

Articles Published in Other Journals

- I. **A Fatal Case of Acute Thrombotic Occlusion in More Than 3 Epicardial Coronary Arteries Associated with the Yasmin Oral Contraceptive**
 KOZA Y., BİRDAL O., Macit R., Taş H., BAYRAM E.
 Journal of Tehran University Heart Center, vol.18, no.3, pp.214-217, 2023 (Scopus)
- II. **Non Valvüler Atrial Fibrilasyonda Kullanılan Yeni Nesil Oral Non K Vitaminini Antagonistlerinin Uzun Dönem Klinik Sonuçlarının Karşılaştırılması**
 AYDIN S. Ş., KOZA Y., TAŞ M. H., SARAÇ İ., AYDEMİR S., BAYRAM E.
 MN Kardiyoloji, 2021 (Peer-Reviewed Journal)
- III. **The Association between Serum Osmolality and Functional Myocardial Ischemia in Patients With Type-2 Diabetes Mellitus**
 GÜLCÜ O., AKSU U., AKSAKAL E., BİRDAL O., KALKAN K., BAYRAM E., TOPCU S., TANBOĞA İ. H.
 Archives of Diabetes and Endocrine System, vol.1, pp.3-9, 2018 (Peer-Reviewed Journal)
- IV. **Wandering Thrombi in the Right Atrium: A Fatal Journey From the Heart to Lungs**
 KOZA Y., BAYRAM E., TAŞ M. H., AYDEMİR S.
 CASE, 2018 (Peer-Reviewed Journal)
- V. **Evaluating the Association Between the Three Different Ejection Fraction Measurement Techniques and Left Ventricle Global Strain**
 BAYRAM E., Gulcu O., Aksu U., AKSAKAL E., BİRDAL O., Kalkan K.
 EURASIAN JOURNAL OF MEDICINE, vol.50, no.3, pp.173-177, 2018 (ESCI)
- VI. **Evaluation of the Factors Affecting the Patency of Arteriovenous Fistulas used for Hemodialysis in End Stage Renal Failure Patients**
 ÇALIK E., ARSLAN Ü., BAYRAM E., ERKUT B.
 World Journal of Surgery and Surgical Research, 2018 (Peer-Reviewed Journal)
- VII. **The association of the Syntax score II with carotid intima media thickness and epicardial fat tissue**
 AKSU U., Gulcu O., BİLGİ Z., Topcu S., SEVİMLİ S., BAYRAM E., Tanboga I. H.
 INDIAN HEART JOURNAL, vol.69, no.6, pp.752-756, 2017 (ESCI)
- VIII. **Deep Venous Thrombosis Caused by Paroxysmal Nocturnal Hemoglobinuria in a Young Man**
 ÇALIK E., ONK O. A., BAYRAM E., ERKUT B.
 Journal of Heart and Circulation, vol.2, 2015 (Peer-Reviewed Journal)
- IX. **A coronary Rupture in the Left Anterior Descending Artery at Second Diagonal Artery Bifurcation Level in an Intervention with a Tryton Side Branch Stent**
 TAŞ M. H., ŞİMŞEK Z., KOZA Y., LAZOĞLU Z., BAYRAM E., ŞENOCAK H.
 Journal of the Hong Kong College of Cardiology, 2013 (Scopus)

- X. **Kronik yüksek rakıma maruz kalan sağlıklı bireylerde kardiyak morfoloji ve fonksiyonlar**
 ŞİMŞEK Z., TAŞ M. H., İPEK E., GÜNDÖĞDU F., KOZA Y., BAYRAM E., AÇIKEL M., KARAKELLEOĞLU Ş., ŞENOCAK H.
MN Kardiyoloji, vol.20, pp.8-13, 2013 (Peer-Reviewed Journal)
- XI. **Massive Left axillary subclavian and left jugular vein thrombus in a patient with heart failure secondary to hypertension**
 KOCATÜRK H., BAYRAM E., KARAMAN A., YURTMAN V.
Düzce Üniversitesi Sağlık Bilimleri Enstitüsü Dergisi, vol.2, pp.12-15, 2012 (Peer-Reviewed Journal)
- XII. **Left Ventricular Pseudoaneurysm A Four Year Follow Up With Medical Therapy**
 KOCATÜRK H., KARAMAN A., BAYRAM E., ÇOLAK M. C.
The New Journal of Medicine, vol.28, no.1, pp.59, 2011 (Peer-Reviewed Journal)
- XIII. **Unusual Presentation of Inferior Thyroid Artery Aneurysm Case Report**
 KOCATÜRK H., KARAMAN A., BAYRAM E., ÇOLAK M. C.
Turkiye Klinikleri J Cardiovasc Sci, vol.23, pp.287-291, 2011 (Peer-Reviewed Journal)
- XIV. **Left Atrial Myxoma and Concomitant Atherosclerotic Coronary Artery Disease**
 KOCATÜRK H., KARAMAN A., BAYRAM E., ÇOLAK M. C., YURTMAN V.
The Eurasian Journal of Medicine, vol.41, pp.202-204, 2009 (Peer-Reviewed Journal)
- XV. **Investigation of the Effects of Amiodarone on Serum Eritropoietin Levels in Isoproterenol induced Acute and Chronic Myocardial Infarct Model of Rats**
 HALICI Z., BAYIR Y., SÜLEYMAN H., ÇADIRCI E., MSAİT K., Bayram E.
EAJM, vol.38, pp.68-72, 2006 (Peer-Reviewed Journal)
- XVI. **Amiodaronun Sıçanlarda Isoproterenol ile Oluşturulan Akut ve Kronik Miyokard İnfarktüsü Modelinde Eritropoetin Seviyeleri Üzerine Etkilerinin İncelenmesi**
 HALICI Z., BAYIR Y., SÜLEYMAN H., ÇADIRCI E., KELEŞ M. S., BAYRAM E.
Atatürk Üniversitesi Tıp Dergisi, vol.8, no.8, pp.68-72, 2006 (Peer-Reviewed Journal)
- XVII. **Effect of Carotid Stenosis on the Development of Subarachnoid Hemorrhage Experimental Study**
 ATALAY C., BAYRAM E., AYDIN M. D., BİLİCİ M., OKUMUŞ Z., GÜNDÖĞDU C.
Turkish Journal Of Medical Sciences, vol.35, pp.379-383, 2005 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **can lad occlusion restore lima graft flow**
 TAŞ M. H., ŞİMŞEK Z., DEĞİRMENCİ H., ÇOLAK A., BAYRAM E.
 9TH INTERNATIONAL CONGRESS UPDATE CARDIOLOGY AND CARDIOVASCULAR SURGERY, Turkey, 21 - 24 March 2013, vol.163, pp.149
- II. **The Effects of Vitamin D Supplementation on Exercise Capacity and Echocardiographic Parameters in Patients with Systolic Heart Failure**
 Tas H. M., ŞİMŞEK Z., Lazoglu Z., Akbas M., GÜNGÖR A., BAYRAM E., Bilen H.
 29th Turkish Cardiology Congress of the Turkish-Society-of-Cardiology (TSC) with International Participation, Antalya, Turkey, 26 - 29 October 2013, vol.62
- III. **H i PE RTANSiYoN LU ooFEREKToM iLi slçANtARDA, AMLoDiPiN VE tAsiDiPiNiN HEPATosiT sAYlsAL YoĞUNLUĞUNA ETKiTERi**
 DURSUN H., ALBAYRAK F., UYANIK A., BAYRAM E., KELEŞ O. N., POLAT B., HALICI Z., SÜLEYMAN H., OKÇU N.
 25.UGH, Turkey, 6 - 10 October 2008, pp.179
- IV. **Thrombogenic Role of Electric Current on Coronary Arteries Ussing in Spine Surgery Experimental Study**
 BAYRAM E., AYDIN M. D., ATALAY C., AKSAKAL E., GÜNDÖĞDU C.
 77th of the European Congress Atherosclerosis society, April 26-29, 2008. İstanbul, Turkey, 26 - 29 April 2008

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