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Education Information

Expertise In Medicine, Gazi University, Tıp Fakültesi, Turkey 2005 - 2011

Undergraduate, Gazi University, Tıp Fakültesi, Turkey 1998 - 2005

Research Areas

Health Sciences

Academic Titles / Tasks

Assistant Professor, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2013 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effects of Smoking on Very-Long Term Mortality after First ST Elevation Myocardial Infarction**
KIZILTUNÇ E., ŞAHİN Y., TOPAL S., DÜZENLİ M. A., Karakaya E., AYGÜL N., Topsakal R., Ozdemir K., ABACI A.
ARQUIVOS BRASILEIROS DE CARDIOLOGIA, vol.118, no.1, pp.24-31, 2022 (SCI-Expanded)
- II. **Gamma-glutamyl transferase to albumin ratio can predict severity of coronary artery disease detected by coronary computed tomography angiography**
Topal S., Kızıltunç E., Sezenöz B., Candemir M., Ünlü S., Küçükbardaşlı M., Bal A. N., Kılıç H. K., Erbaş G., Abacı A.
ANATOLIAN JOURNAL OF CARDIOLOGY, vol.25, no.9, pp.653-660, 2021 (SCI-Expanded)
- III. **Development and Validation of a Scale to Measure Fear of Activity in Patients With Coronary Artery Disease (Fact-CAD).**
Ozyemisci-Taskiran O., Demirsoy N., Atan T., YÜKSEL S., COŞKUN Ö., AYTÜR Y., SONEL TUR B., Karakas M., Turak O., TOPAL S.
Archives of physical medicine and rehabilitation, vol.101, no.3, pp.479-486, 2020 (SCI-Expanded)
- IV. **An old friend: uric acid and its association with fractional flow reserve**
Topal S., Sezenoz B., Candemir M., Acikgoz E., Acikgoz S. K., Boyacı N. B.
Turkish journal of medical sciences, vol.49, no.6, pp.1614-1619, 2019 (SCI-Expanded)
- V. **Mean platelet volume is related with ischemic stroke in patients with sinus rhythm**
Ozkan B., Arik O. Z., Gozukara M. Y., Sahin D. Y., TOPAL S., Uysal O. K., Elbasan Z., Epceliden T., Cayil M., Gur M.
BLOOD COAGULATION & FIBRINOLYSIS, vol.27, no.5, pp.490-493, 2016 (SCI-Expanded)

- VI. **Red Cell Distribution Width Can Predict the Significance of Angiographically Intermediate Coronary Lesions**
Acikgoz S. K., Acar B., Aydin S., Acikgoz E., Er O., Sensoy B., Balci M. M., Yayla C., Sen F., TOPAL S., et al.
MEDICAL PRINCIPLES AND PRACTICE, vol.25, no.1, pp.31-35, 2016 (SCI-Expanded)
- VII. **Monocyte to high-density lipoprotein cholesterol ratio is predictive of in-hospital and five-year mortality in ST-segment elevation myocardial infarction**
Acikgoz S. K., Acikgoz E., Sensoy B., TOPAL S., Aydogdu S.
CARDIOLOGY JOURNAL, vol.23, no.5, pp.505-512, 2016 (SCI-Expanded)
- VIII. **Myocardial Fibrosis Is the Key Component of Hypertrophied Myocardium That Cause Fragmented QRS in Aortic Stenosis**
Acikgoz E., Yaman B., Acikgoz S. K., TOPAL S., Tavil Y., BOYACI N. B.
ANNALS OF NONINVASIVE ELECTROCARDIOLOGY, vol.20, no.5, pp.513, 2015 (SCI-Expanded)
- IX. **Fragmented QRS Can Predict Severity of Aortic Stenosis**
Acikgoz E., Yaman B., Acikgoz S. K., TOPAL S., Tavil Y., BOYACI N. B.
ANNALS OF NONINVASIVE ELECTROCARDIOLOGY, vol.20, no.1, pp.37-42, 2015 (SCI-Expanded)
- X. **fQRS as a Noninvasive Marker for an Overgrowing Epidemy Affecting both Aortic Valve and Myocardium in the Era of Aging Population Reply**
Acikgoz E., Yaman B., Acikgoz S. K., TOPAL S., Tavil Y., BOYACI N. B.
ANNALS OF NONINVASIVE ELECTROCARDIOLOGY, vol.20, no.1, pp.100-101, 2015 (SCI-Expanded)
- XI. **Effect of herbal medicine use on medication adherence of cardiology patients**
Acikgoz S. K., Acikgoz E., Topal S., Okuyan H., Yaman B., Er O., Sensoy B., Balci M. M., Aydogdu S.
COMPLEMENTARY THERAPIES IN MEDICINE, vol.22, no.4, pp.648-654, 2014 (SCI-Expanded)
- XII. **Left Ventricular Hypertrophy and Blood Pressure Control in Automated and Continuous Ambulatory Peritoneal Dialysis Patients**
Atas N., ERTEN Y., Okyay G. U., Inal S., TOPAL S., Onec K., Akyel A., ÇELİK B., Tavil Y., Bali M., et al.
THERAPEUTIC APHERESIS AND DIALYSIS, vol.18, no.3, pp.297-304, 2014 (SCI-Expanded)
- XIII. **Evaluation of Muscle Performance with Isokinetic Test in Patients Using Atorvastatin**
Ozturk G. T., TOPAL S., Ozdemir M., Gogus F. N.
TURKIYE FIZIKSEL TIP VE REHABILITASYON DERGISI-TURKISH JOURNAL OF PHYSICAL MEDICINE AND REHABILITATION, vol.60, no.1, pp.27-31, 2014 (SCI-Expanded)
- XIV. **Neutrophil Gelatinase-Associated Lipocalin Levels in Isolated Coronary Artery Ectasia**
Akyel A., ŞAHİNARSLAN A., Kiziltunc E., Yıldız 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 (SCI-Expanded)
- XV. **Carotid intima-media thickness in patients with cardiac syndrome X and its association with high circulating levels of asymmetric dimethylarginine.**
Sen N., Poyraz F., Tavil Y., Yazici H. U., Turfan M., Hizal F., Topal S., Erdamar H., Cakir E., Yalçin R., et al.
ATHEROSCLEROSIS, vol.204, 2009 (SCI-Expanded)
- XVI. **The effect of nebivolol treatment on oxidative stress and antioxidant status in patients with cardiac syndrome-X**
Erdamar H., Sen N., Tavil Y., Yazici H. U., Turfan M., Poyraz F., Topal S., Okuyan H., Cemri M., Cengel A.
CORONARY ARTERY DISEASE, vol.20, no.3, pp.238-244, 2009 (SCI-Expanded)
- XVII. **Relationship between elevated levels of serum uric acid and saphenous vein graft disease.**
Tavil Y., Sen N., Hizal F., Açıkgöz S. K., Taşoğlu I., Topal S., Yalçin M. R.
Turk Kardiyoloji Dernegi arsivi : Turk Kardiyoloji Derneginin yayin organidir, vol.36, pp.14-8, 2008 (SCI-Expanded)
- XVIII. **Thromboembolic Splenic Infarction As a Rare Complication of Myocardial Infarction**
Akyncy S., Tavil Y., TOPAL S., Okuyan H., Cengel A.
INTERNAL MEDICINE, vol.46, no.18, pp.1565-1567, 2007 (SCI-Expanded)

Articles Published in Other Journals

- I. **Enfektif Endokarditin Klinik Özellikleri: Tek Merkez Deneyimi**
TOPAL S., ÜNLÜ S., KIZILTUNÇ E., KAYA E. E., YALÇIN Y., SEZENÖZ B., CANDEMİR M., ABACI A.
Fırat Tıp Dergisi, vol.27, no.2, pp.104-109, 2022 (Peer-Reviewed Journal)
- II. **The Relationship between Inflammation and Serum Estrogen, Testosterone, and DHEA-S Levels in Obstructive Coronary Artery Disease**
Karaaslan O. C., ÜNLÜ S., TOPAL S., BİBEROĞLU G., Biberoglu K., ÇENGEL A.
GAZI MEDICAL JOURNAL, vol.32, no.2, pp.171-173, 2021 (ESCI)
- III. **Coronary Computed Tomography Angiography-Adapted Leaman Score can Predict New-Onset Atrial Fibrillation in Patient with Low-to-Moderate Risk for Coronary Artery Disease**
Topal S., Candemir M., Sezenöz B., Ünlü S., Kızıltunç E., Erbaş G., Kılıç H. K., Abacı A.
GAZI MEDICAL JOURNAL, vol.32, no.4, pp.571-574, 2021 (ESCI)
- IV. **The Association Between Different Revascularization Methods and Left Ventricular Functions and Serum sST2 Levels in Patients with Acute Myocardial Infarction**
karaaslan ö. ç., ÜNLÜ S., Özilhan M. O., TOPAL S., Bulguroğlu S., Çengel A.
Ankara Üniversitesi Tıp Fakültesi Mecmuası, vol.73, no.2, pp.118-123, 2020 (Peer-Reviewed Journal)
- V. **Emergency Intervention for Left Main Coronary Artery**
Karaaslan O. C., TOPAL S., Sezenoz B., Yalcin R.
GAZI MEDICAL JOURNAL, vol.30, no.2, pp.195-196, 2019 (ESCI)
- VI. **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 (Scopus)
- VII. **Relationship between plasma asymmetric dimethylarginine level and autonomic dysfunction in diabetic patients**
AKYEL A., ÇENGEL A., TAVİL Y., ŞAHİNARSLAN A., TOPAL S., YAYLA Ç., ELBEG Ş., BOYACI N. B., ARSLAN M.
Türk kardiyoloji derneği arşivi, 2012 (Scopus)

Books & Book Chapters

- I. **KARDİOVASKÜLER SİSTEM MUAYENESİ**
TOPAL S., KIZILTUNÇ E.
in: İÇ HASTALIKLARINDA ANAMNEZ ALMA VE FİZİK MUAYENE, YASEMİN TEKBUDAK ERTEN, Editor, NOBEL TIP KİTABEVLERİ, Ankara, pp.95-122, 2023

Refereed Congress / Symposium Publications in Proceedings

- I. **Miyokardiyal iskeminin nadir bir sebebi: Koroner arter fistülleri**
YALÇIN Y., ÜNLÜ S., KIZILTUNÇ E., TOPAL S., TÜRKOĞLU S., TAÇOY G., YALÇIN M. R.
39. ULUSAL KARDİYOLOJİ KONGRESİ, Turkey, 8 - 12 November 2023
- II. **Protez kapak trombozu: Zorlu iki vaka**
YALÇIN Y., ÜNLÜ S., TOPAL S., AKBULUT A., YAZGAN E.
37. Uluslararası Katılımlı Türk Kardiyoloji Kongresi, Antalya, Turkey, 18 - 21 November 2021
- III. **"Sağ Ventrikül Apikal Pacing İle Ortaya Çıkan Ventriküler Aktivasyon Sekansı Değişikliğinin, Her İki Ventrikülün Sistolik Ve Diyastolik Fonksiyonları Üzerine Olan Akut Etkisinin Ekokardiyografi Ve Radyonüklid Ventrikülografi İle Değerlendirilmesi"**
TOPAL S., BAŞARA M., AÇIKGÖZ S. K., SEZENÖZ B., ALSANCAK Y., ÜNLÜ M., ÖZDEMİR H. M.
6. Uluslararası Tıp ve Sağlık Bilimleri Araştırmaları Kongresi, Ankara, Turkey, 10 April 2021

- IV. **Effects of admission body mass index, waist circumference and waist to height ratio on very long term mortality in patients with STEMI**
KIZILTUNÇ E., ŞAHİN Y. B., TOPAL S., DÜZENLİ M. A., KARAKAYA E., AYGÜL N., VATANKULU M. A., TOPSAKAL R., ÖZDEMİR K., ABACI A.
TSC2020DIGITAL, 36th Turkish Cardiology Congress with International Participation, Turkey, 03 December 2020, vol.24, pp.16-17
- V. **Optical Coherence Tomography and Angiography of Choroidal Vascular Changes in Congestive Heart Failure**
Hondur A. M., Ertop M., Topal S., Sezenoz B., Tezel T. H.
Annual Meeting of the Association-for-Research-in-Vision-and-Ophthalmology (ARVO), ELECTR NETWORK, 1 - 07 May 2020, vol.61
- VI. **The effect of different revascularization methods on left ventricular functions and serum sST2 levels in patients with ST elevation myocardial infarction (STEMI)**
Çakmak Karaaslan Ö., ÜNLÜ S., TOPAL S., ÇENGEL A.
35. Türk Kardiyoloji Derneği Kongresi, Antalya, Turkey, 3 - 06 October 2019
- VII. **The Relationship between Inflammation and Serum Estrogen, Testosterone, and Dhea-S Levels in Obstructive Coronary Artery Disease**
ÇAKMAK KARAASLAN Ö., ÜNLÜ S., TOPAL S., BİBEROĞLU G., BİBEROĞLU Ö. K., ÇENGEL A.
14th Congress of Update in Cardiology and Cardiovascular Surgery, Antalya, Turkey, 5 - 08 April 2018, vol.121, pp.104-105
- VIII. **the relationship between inflammation and serum estrogen, testosterone and Dhea-S levels in obstructive CAD**
karaaslan çakmak ö., ünlü s., TOPAL S., biberoglu k., ÇENGEL A.
14. kardiyoloji ve KVC de yenilikler kongresi, 5 - 08 April 2018, vol.121, pp.104-105
- IX. **Fibrinolitik tedavi mi primer perkutan koroner girişim mi?**
Candemir M., Topal S., Yalın Z., Gürsoy E., Abacı A.
33. Uluslararası Katılımlı Türk Kardiyoloji Kongresi, Antalya, Turkey, 5 - 08 November 2017
- X. **Koroner arter hastalığı olan bireylerde aktivite korkusuna AKKOR KAH yönelik ölçek geliştirme ve geçerlilik çalışması**
ÖyemişçiTaşkiran Ö., DEMİRSOY Ü. N., ATAN T., YÜKSEL S., COŞKUN Ö., AYTÜR Y., SONEL TUR B., Karakaş M., Turak O., TOPAL S.
5. Tıbbi Rehabilitasyon Kongresi, Ankara, Turkey, 3 - 06 November 2016
- XI. **Akut miyokarditle seyreden hipereozinofilik sendromlu hasta**
Gökalp G., Topal S., Candemir M., Kapanşahin Coşkun T., Taçoş G.
32.Uluslararası katılımlı kardiyoloji kongresi, 2016, Antalya, Turkey, 20 - 23 October 2020, pp.18
- XII. **Acute anterior and inferior myocardial infarction in the same patient: a very rarely seen coronary artery anomaly**
SEZENÖZ B., ALSANCAK Y., KIZILTUNÇ E., ÖZKAN S., ÜNLÜ S., YAMAN B., TOPAL S., TÜRKOĞLU S.
30. Uluslararası Katılımlı Türk Kardiyoloji Kongresi, Antalya, Turkey, 23 - 26 October 2014, vol.14, pp.159-160
- XIII. **Effects of Herbal Medicine Use in Medication Adherence of Cardiology Patients**
Acikgoz S. K., Acikgoz E., TOPAL S., Okuyan H., Aydogdu S.
29th Turkish Cardiology Congress of the Turkish-Society-of-Cardiology (TSC) with International Participation, Antalya, Turkey, 26 - 29 October 2013, vol.62
- XIV. **Relationship between Aortic Stenosis and Fragmented QRS**
Acikgoz E., Yaman B., Acikgoz S. K., TOPAL S., TAVİL Y., BOYACI N. B.
29th Turkish Cardiology Congress of the Turkish-Society-of-Cardiology (TSC) with International Participation, Antalya, Turkey, 26 - 29 October 2013, vol.62
- XV. **COMPARISON OF DIURNAL BLOOD PRESSURE PATTERN, RESIDUAL RENAL FUNCTION AND LEFT VENTRICULAR HYPERTROPHY IN PERITONEAL DIALYSIS PATIENTS ON DIFFERENT REGIMENS**
Atas N., ERTEN Y., ERTEN Y., Onec K., Inal S., TOPAL S., Akyel A., ÇELİK B., Okyay G. U., TAVİL Y.
49th Congress of the European-Renal-Association/European-Dialysis-and-Transplant-Association (ERA-EDTA),

Paris, France, 24 - 27 May 2012, vol.27, pp.479

XVI. İzole koroner arter ektazisinde nötrofil jelatinaz-ilişkili lipokalin düzeyleri

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 Kongresi, İstanbul, Turkey, 27 October 2011, vol.39, pp.129

XVII. 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

XVIII. 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

Metrics

Publication: 51

Citation (WoS): 192

Citation (Scopus): 233

H-Index (WoS): 9

H-Index (Scopus): 11

Non Academic Experience

SAĞLIK BAKANLIĞI