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### Kişisel Bilgiler

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### Eğitim Bilgileri

Tıpta Uzmanlık, Kartal Kosuyolu Kalp Eğitim ve Araştırma Hastanesi, Kardiyoloji Kliniği, Kardiyoloji Kliniği, Türkiye 1999 - 2004

Yüksek Lisans, Katholieke Universiteit Leuven, Medical Faculty, Medical Sciences, Belçika 2002 - 2003

Lisans, Ankara Üniversitesi, Tıp Fakültesi, Türkiye 1992 - 1998

### Araştırma Alanları

Dahili Tıp Bilimleri

### Akademik Unvanlar / Görevler

Prof.Dr., Acibadem Mehmet Ali Aydınlar Üniversitesi, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2018 - Devam Ediyor

### Verdiği Dersler

Heart Failure; Physiopathology and Diagnosis, Acute Heart Failure and Cardiogenic Shock, Lisans, 2019 - 2020

Hypertension; Complications and Therapy of Hypertension, Lisans, 2019 - 2020

### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Association between renin-angiotensin-aldosterone system inhibitor treatment, neutrophil-lymphocyte ratio, D-Dimer and clinical severity of COVID-19 in hospitalized patients: a multicenter, observational study.**  
GÖRMEZ S., Ekicibasi E., Degirmencioglu A., Paudel A., ERDİM R., Gumusel H. K. , Eroglu E., Tanboga I. H. , Dagdelen S., Sariguzel N., et al.  
Journal of human hypertension, 2020 (SCI Expanded İndekslerine Giren Dergi)
- II. **Red cell distribution width and its relationship with global longitudinal strain in patients with heart failure with reduced ejection fraction: a study using two-dimensional speckle tracking echocardiography.**  
Eroglu E., Kilicgedik A., Kahveci G., Bakal R. B. , Kirma C.  
Kardiologia polska, cilt.76, sa.3, ss.580-585, 2018 (SCI İndekslerine Giren Dergi)
- III. **Severe mitral regurgitation is associated with increased copeptin levels in heart failure with reduced ejection fraction**

Kilicgedik A., Eroglu E., Kahveci G., Isgandarov K., Acar E., Ozturk S., Zehir R., Kulahcioglu S., Toprak C., Yaman A., et al.

KARDIOLOGIA POLSKA, cilt.75, sa.12, ss.1307-1324, 2017 (SCI İndekslerine Giren Dergi)

- IV. **Real-time three-dimensional left ventricular contraction in patients with diastolic dysfunction**  
Hatipoglu S., Guler G. B. , Kaya O., Kahveci G., Guler E., Eroglu E., Ozdemir N.  
JOURNAL OF MEDICAL ULTRASONICS, cilt.43, sa.3, ss.373-380, 2016 (SCI İndekslerine Giren Dergi)
- V. **Doppler Tissue Evaluation of Atrial Conduction Properties in Patients With Non-alcoholic Fatty-liver Disease**  
Ozveren O., Izgi C., Eroglu E., Simsek M. A. , Turer A., Kucukdurmaz Z., Cinar V., Degertekin M.  
ULTRASONIC IMAGING, cilt.38, sa.3, ss.225-235, 2016 (SCI İndekslerine Giren Dergi)
- VI. **Development of acute pulmonary hypertension after bortezomib treatment in a patient with multiple myeloma: a case report and the review of the literature.**  
Akosman C., Ordu C., Eroglu E., Oyan B.  
American journal of therapeutics, cilt.22, sa.3, 2015 (SCI İndekslerine Giren Dergi)
- VII. **Two-Dimensional Strain and Strain Rate Imaging of the Left Atrium and Left Ventricle in Adult Patients with Atrial Septal Defects before and after the Later Stage of Percutaneous Device Closure**  
Cakal S., Eroglu E., Baydar O., Cakal B., Yazicioglu M. V. , Bulut M., Dundar C., Tigen K., Ozkan B., Acar G., et al.  
ECHOCARDIOGRAPHY-A JOURNAL OF CARDIOVASCULAR ULTRASOUND AND ALLIED TECHNIQUES, cilt.32, sa.3, ss.470-474, 2015 (SCI İndekslerine Giren Dergi)
- VIII. **Evaluation of Improvement in Exercise Capacity after Pulmonary Endarterectomy in Patients with Chronic Thromboembolic Pulmonary Hypertension: Correlation with Echocardiographic Parameters**  
KEPEZ A., SÜNBÜL M., Kivrak T., Eroglu E., Ozben B., YILDIZELİ B., MUTLU B.  
THORACIC AND CARDIOVASCULAR SURGEON, cilt.62, sa.1, ss.60-65, 2014 (SCI İndekslerine Giren Dergi)
- IX. **Time Course of Right Ventricular Remodeling after Percutaneous Atrial Septal Defect Closure: Assessment of Regional Deformation Properties with Two-Dimensional Strain and Strain Rate Imaging**  
Eroglu E., Cakal S. D. , Cakal B., Dundar C., Alici G., Ozkan B., Yazicioglu M. V. , Tigen K., Esen A. M.  
ECHOCARDIOGRAPHY-A JOURNAL OF CARDIOVASCULAR ULTRASOUND AND ALLIED TECHNIQUES, cilt.30, sa.3, ss.324-330, 2013 (SCI İndekslerine Giren Dergi)
- X. **Cor triatriatum sinister demonstrated by 3D-transesophageal echocardiography**  
Basaran O., Guler A., Karabay C. Y. , Eroglu E.  
ANADOLU KARDIOLOJİ DERGİSİ-THE ANATOLIAN JOURNAL OF CARDIOLOGY, cilt.12, sa.8, 2012 (SCI İndekslerine Giren Dergi)
- XI. **How would I treat? THE INVITED EXPERTS' OPINION**  
Degertekin M., Ozveren O., Eroglu E.  
EUROINTERVENTION, cilt.8, sa.4, ss.522-523, 2012 (SCI İndekslerine Giren Dergi)
- XII. **Epicardial Fat Thickness Is Associated with Non-Dipper Blood Pressure Pattern in Patients with Essential Hypertension**  
Sengul C., Cevik C., Ozveren O., Duman D., Eroglu E., Oduncu V., Tanboga H. I. , Can M. M. , Akgun T., Dindar I.  
CLINICAL AND EXPERIMENTAL HYPERTENSION, cilt.34, sa.3, ss.165-170, 2012 (SCI İndekslerine Giren Dergi)
- XIII. **Echocardiographic epicardial fat thickness is related to altered blood pressure responses to exercise stress testing**  
Sengul C., Ozveren O., Duman D., Eroglu E., Oduncu V., Tanboga H. I. , Can M. M. , Akgun T., Dindar I.  
BLOOD PRESSURE, cilt.20, sa.5, ss.303-308, 2011 (SCI İndekslerine Giren Dergi)
- XIV. **Acute myocardial infarction in a 24 year-old man possibly associated with sibutramine use.**  
Eroglu E., Gemici G., Bayrak F., Kalkan A. K. , Degertekin M.  
International journal of cardiology, cilt.137, sa.2, 2009 (SCI Expanded İndekslerine Giren Dergi)
- XV. **Evaluation of myocardial bridges with 64-slice computed tomography coronary angiography.**  
Bayrak F., Degertekin M., Eroglu E., Guneyisu T., Sevinc D., Gemici G., Mutlu B., Aytaclar S.  
Acta cardiologica, cilt.64, sa.3, ss.341-6, 2009 (SCI Expanded İndekslerine Giren Dergi)
- XVI. **Prevalence of coronary artery disease and characterization of plaque morphology evaluated by**

**multi-slice computed**

Eroglu E., Gemici G., Bayrak F., Guneyesu T., Sevinc D., Aytaclar S., Kalkan A. K., Degertekin M.  
EUROPEAN HEART JOURNAL SUPPLEMENTS, cilt.11, 2009 (SCI İndekslerine Giren Dergi)

- XVII. **Giant hydatid cyst of the interventricular septum mimicking acute myocardial infarction on ECG: an unusual cause of ST segment elevation**  
Eroglu E., Gemici G., Ergenoglu M., Yidiz C., Kucukaksu S., Degertekin M.  
JOURNAL OF CARDIOVASCULAR MEDICINE, cilt.10, sa.5, ss.425-427, 2009 (SCI İndekslerine Giren Dergi)
- XVIII. **Prevalence of left main coronary artery disease among patients referred to multislice computed tomography coronary examinations.**  
Gemici G., Guneyesu T., Eroglu E., Bayrak F., Sevinc D., Aytaclar S., Kaya Z., Mutlu B., Degertekin M.  
The international journal of cardiovascular imaging, cilt.25, sa.4, ss.433-8, 2009 (SCI Expanded İndekslerine Giren Dergi)
- XIX. **Improved regional function after autologous bone marrow-derived stem cell transfer in patients with acute myocardial infarction: a randomized, double-blind strain rate imaging study**  
Herbots L., D'hooge J., Eroglu E., Thijs D., Ganame J., Claus P., Dubois C., Theunissen K., Bogaert J., Dens J., et al.  
EUROPEAN HEART JOURNAL, cilt.30, sa.6, ss.662-670, 2009 (SCI İndekslerine Giren Dergi)
- XX. **Evaluation of poor left ventricle: multislice computer tomography in the assessment of myocardial viability**  
Eroglu E., Degertekin M.  
ANATOLIAN JOURNAL OF CARDIOLOGY, cilt.8, ss.54-59, 2008 (SCI İndekslerine Giren Dergi)
- XXI. **Right coronary artery fistula with significant left-to-right shunt.**  
Gemici G., Bayrak F., Aksit Z., Eroglu E., Degertekin M.  
Journal of cardiovascular medicine (Hagerstown, Md.), cilt.9, sa.11, ss.1182-3, 2008 (SCI Expanded İndekslerine Giren Dergi)
- XXII. **Age-dependency of regional deformation**  
Herbots L., Claus P., Ganame J., Eroglu E., Voigt J., Rademakers F., D'hooge J.  
EUROPEAN HEART JOURNAL, cilt.29, ss.501-502, 2008 (SCI İndekslerine Giren Dergi)
- XXIII. **Prevalence and predictors of left main coronary artery disease in 64-slice computed tomography coronary angiography examinations**  
Gemici G., Guneyesu T., Eroglu E., Bayrak F., Sevinc D., Aytaclar S., Kaya Z., Mutlu B., Degertekin M.  
EUROPEAN HEART JOURNAL, cilt.29, ss.722, 2008 (SCI İndekslerine Giren Dergi)
- XXIV. **Prevalence of coronary artery disease detected by 64-slice computed tomography angiography in women classified as 'low-risk' based on Framingham risk score**  
Eroglu E., Sevinc D., Bayrak F., Gemici G., Guneyesu T., Mutlu B., Kalkan A. K., Aytaclar S., Degertekin M.  
EUROPEAN HEART JOURNAL, cilt.29, ss.720, 2008 (SCI İndekslerine Giren Dergi)
- XXV. **EVALUATION OF MYOCARDIAL BRIDGE WITH 64-SLICE COMPUTED TOMOGRAPHY CORONARY ANGIOGRAPHY**  
Bayrak F., Guneyesu T., Sevinc D., Eroglu E., Gemici G., Mutlu B., Aytaclar S., Degertekin M.  
ATHEROSCLEROSIS SUPPLEMENTS, cilt.9, sa.1, ss.165, 2008 (SCI İndekslerine Giren Dergi)
- XXVI. **Quantitative dobutamine stress echocardiography for the early detection of cardiac allograft vasculopathy in heart transplant recipients**  
Eroglu E., Dhooge J., Sutherland G. R., Marciniak A., Thijs D., Droogne W., Herbots L., Van Cleemput J., Claus P., Bijnens B., et al.  
HEART, cilt.94, sa.2, 2008 (SCI İndekslerine Giren Dergi)
- XXVII. **Autologous Bone marrow-derived stem cell transfer in patients with acute myocardial infarction: one year follow-up results of a randomised, double-blind strain rate imaging study**  
Herbots L., D'hooge J., Eroglu E., Ganame J., Claus P., Theunissen K., Bogaert J., Van De Werf F., Rademakers F., Janssens S.  
EUROPEAN HEART JOURNAL, cilt.28, ss.715, 2007 (SCI İndekslerine Giren Dergi)
- XXVIII. **The potential clinical role of ultrasonic strain and strain rate imaging in diagnosing acute rejection after heart transplantation**

- Marciniak A, Eroglu E, Marciniak M, Sirbu C, Herbots L, Droogne W, Claus P, D'hooge J, Bijnens B, Vanhaecke J, et al.  
EUROPEAN JOURNAL OF ECHOCARDIOGRAPHY, cilt.8, sa.3, ss.213-221, 2007 (SCI İndekslerine Giren Dergi)
- XXIX. **Usefulness of N-terminal pro-B-type natriuretic peptide to predict clinical course in patients with hypertrophic cardiomyopathy**  
Mutlu B., Bayrak F., Kahveci G., Degertekin M., Eroglu E., Basaran Y.  
AMERICAN JOURNAL OF CARDIOLOGY, cilt.98, sa.11, ss.1504-1506, 2006 (SCI İndekslerine Giren Dergi)
- XXX. **Comparison of real-time tri-plane and conventional 2D dobutamine stress echocardiography for the assessment of coronary artery disease**  
Eroglu E., D'hooge J., Herbots L., Thijs D., Dubois C., Sinnaeve P., Dens J., Vanhaecke J., Rademakers F.  
EUROPEAN HEART JOURNAL, cilt.27, sa.14, ss.1719-1724, 2006 (SCI İndekslerine Giren Dergi)
- XXXI. **Prognostic importance of pre-discharged troponin T levels in acute anterior myocardial infarction**  
Mutlu B., Yilmaz A., Sonmez K., Eroglu E., Turkmen M., Basaran Y.  
JAPANESE HEART JOURNAL, cilt.45, sa.1, ss.43-52, 2004 (SCI İndekslerine Giren Dergi)
- XXXII. **Restrictive left ventricular filling in hypereosinophilic syndrome as a result of partial cavity obliteration by an apical mass: A strain/strain rate study**  
Eroglu E., Di Salvo G., Herbots L., Herregods M., Sutherland G.  
JOURNAL OF THE AMERICAN SOCIETY OF ECHOCARDIOGRAPHY, cilt.16, sa.10, ss.1088-1090, 2003 (SCI İndekslerine Giren Dergi)
- XXXIII. **Fibrillatory wave amplitude as a marker of left atrial and left atrial appendage function, and a predictor of thromboembolic risk in patients with rheumatic mitral stenosis**  
Mutlu B., Karabulut M., Eroglu E., Tigen K., Bayrak F., Fotbolcu H., Basaran Y.  
INTERNATIONAL JOURNAL OF CARDIOLOGY, cilt.91, ss.179-186, 2003 (SCI İndekslerine Giren Dergi)

## **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

- I. **Epicardial and Endocardial Deformations in Discrimination of Nonobstructive Hypertrophic Cardiomyopathy from Hypertensive Left Ventricular Hypertrophy**  
Koyuncu A., Eroglu E., Kahveci G., Toprak C., Kilicgedik A., Acar G., Avci A., Fidan S., Tellice M., Alici G., et al.  
29th Turkish Cardiology Congress of the Turkish-Society-of-Cardiology (TSC) with International Participation, Antalya, Türkiye, 26 - 29 Ekim 2013, cilt.62
- II. **The Prevalence Atrial Fibrillation and its Association with Nt-Probnp Levels: Results from Heart Failure Prevalence and Predictors in Turkey (Happy) Study**  
Degertekin M., Erol C., MUTLU B., Eroglu E., Ozveren O., Ergene O., Tokgozoglu L., Kozan O.  
3rd World Heart Failure Congress, İstanbul, Türkiye, 29 Kasım - 02 Aralık 2012, cilt.30, ss.21
- III. **Prevalence of Anemia in Heart Failure Patients from Turkey: Analysis from Happy Cohort**  
KEPEZ A., MUTLU B., Ozben B., Ergene O., Kozan O., Eroglu E., Tokgozoglu L., Ozveren O., Erol C., Degertekin M.  
3rd World Heart Failure Congress, İstanbul, Türkiye, 29 Kasım - 02 Aralık 2012, cilt.30, ss.6
- IV. **Two-Dimensional Strain and Strain Rate Imaging of the Right Ventricle in Chronic Thromboembolic Pulmonary Hypertension Before and After Pulmonary Thromboendarterectomy**  
SÜN BÜ L M., KEPEZ A., Kivrak T., Eroglu E., Ozben B., MUTLU B.  
3rd World Heart Failure Congress, İstanbul, Türkiye, 29 Kasım - 02 Aralık 2012, cilt.30, ss.16
- V. **Prevalence of heart failure in Turkish adult population: results from Heart Failure Prevalence and Predictors in Turkey (HAPPY) study**  
Degertekin M. M. , Erol C., Ergene O., Kozan O., MUTLU B., Ilkay E., Eroglu E., Tokgozoglu L.  
ESC Congress, Stockholm, İsveç, 28 Ağustos - 01 Eylül 2010, cilt.31, ss.599
- VI. **Predictors of left ventricular dysfunction: results from Heart Failure Prevalence and Predictors in Turkey (HAPPY) study**  
Ergene O., Degertekin M. M. , Erol K., Eren M., Aksoy M., Eroglu E., Kozan O., Erol C.  
ESC Congress, Stockholm, İsveç, 28 Ağustos - 01 Eylül 2010, cilt.31, ss.727

- VII. **Variations in systolic strain rate and strain parameters: a multiple regression analysis amongst normal individuals**  
Herbots L., Eroglu E., Ganame J., Thys D., Boettler P., Claus P., Rademakers F., D'hooge J.  
28th Congress of the European-Society-of-Cardiology/World Congress of Cardiology, Barcelona, İspanya, 2 - 06 Eylül 2006, cilt.27, ss.849
- VIII. **Increased afterload induces changes in early-systolic transmural radial strain distribution**  
Claus P., Rex S., D'hooge J., Missant C., Eroglu E., Rademakers F. E. , Wouters P. F.  
28th Congress of the European-Society-of-Cardiology/World Congress of Cardiology, Barcelona, İspanya, 2 - 06 Eylül 2006, cilt.27, ss.558
- IX. **GRADIENTS IN RADIAL STRAIN ACROSS THE CARDIAC WALL STUDIED WITH EPICARDIAL ULTRASOUND**  
D'hooge J., Missant C., Claus P., Rex S., Eroglu E., Rademakers F. E. , Wouters P.  
IEEE Ultrasonics Symposium, Vancouver, Kanada, 3 - 06 Ekim 2006, ss.748-749
- X. **Global myocardial diastolic function does not improve with the transplantation of autologous bone marrow-derived stem cells in patients with acute myocardial infarction**  
Herbots L., Eroglu E., D'hooge J., Thijs D., Ganame J., Claus P., Dubois C., Herregods M., Van de Werf F., Rademakers F., et al.  
78th Annual Scientific Session of the American-Heart-Association, Texas, Amerika Birleşik Devletleri, 13 - 16 Kasım 2005, cilt.112
- XI. **Regional myocardial systolic function measured with myocardial velocity imaging improves with the transplantation of autologous bone marrow-derived stem cells in patients with large acute myocardial infarction**  
Herbots L., Eroglu E., Thijs D., Ganame J., Claus P., Dymarkowski S., Bogaert J., Herregods M., Van de Werf F., Rademakers F., et al.  
78th Annual Scientific Session of the American-Heart-Association, Texas, Amerika Birleşik Devletleri, 13 - 16 Kasım 2005, cilt.112
- XII. **Stress echocardiography using 3D multi-plane imaging fastens the procedure without changing wall motion readings**  
Eroglu E., D'hooge J., Herbots L., Rademakers F.  
27th Congress of the European-Society-of-Cardiology, Stockholm, İsveç, 3 - 07 Eylül 2005, cilt.26, ss.229
- XIII. **Strain rate imaging during dobutamine stress echocardiography accurately differentiates mild from severe transplant vasculopathy**  
Eroglu E., D'hooge J., Marciniak A., Thijs D., Droogne W., Bijmens B., Vanhaecke J., Sutherland G. R.  
27th Congress of the European-Society-of-Cardiology, Stockholm, İsveç, 3 - 07 Eylül 2005, cilt.26, ss.211
- XIV. **Utility of N-terminal pro-B-type natriuretic peptide to predict clinical outcome in patients with hypertrophic cardiomyopathy**  
Bayrak F., Mutlu B., Kahveci G., Eroglu E., Karaahmet T., Basaran Y.  
27th Congress of the European-Society-of-Cardiology, Stockholm, İsveç, 3 - 07 Eylül 2005, cilt.26, ss.447
- XV. **Ultrasonic strain and strain rate imaging: A new non-invasive technique to identify acute rejection after heart transplantation**  
Marciniak A., Eroglu E., Marciniak M., Sirbu C., Herbots L., Streb W., Droogne W., Claus P., Hooge J., Bijmens B., et al.  
Annual Conference of G-MEX/MICC, Manchester, İngiltere, 23 - 26 Mayıs 2005, cilt.91
- XVI. **A statistical model-based approach for the detection of abnormal cardiac deformation**  
Aoued F., Eroglu E., Herbots L., Rademakers F., D'hooge J.  
IEEE International Ultrasonics Symposium, Rotterdam, Hollanda, 18 - 21 Eylül 2005, ss.512-515
- XVII. **Echocardiographic assessment of end-diastolic wall thickness can be used as a marker of reperfusion in transmural and partial-thickness infarcts**  
Herbots L., Eroglu E., D'hooge J., Claus P., Oambrauskaite V., Ganame J., Mehvald P., Bijmens B., Janssens S., Rademakers F., et al.  
77th Scientific Meeting of the American-Heart-Association, Louisiana, Amerika Birleşik Devletleri, 7 - 10 Kasım 2004, cilt.110, ss.713

- XVIII. **Ultrasonic strain rate imaging - a new clinical tool to evaluate the transplanted heart**  
Eroglu E., Herbots L., Van Cleemput J., D'hooge J., Claus P., Bijmens B., Vanhaecke J., Sutherland G.  
ESC Congress 2004, Munich, Almanya, 28 Ağustos - 01 Eylül 2004, cilt.25, ss.576
- XIX. **Evaluation of the "normal" spectrum of changes in regional deformation induced by heart transplantation: An ultrasonic strain and strain rate study**  
Eroglu E., Herbots L., Van Cleemput J., Droogne W., D'hooge J., Bijmens B., Vanhaecke J., Sutherland G.  
54th Annual Scientific Session of the American-College-of-Cardiology, Louisiana, Amerika Birleşik Devletleri, 7 - 10 Mart 2004, cilt.43
- XX. **A new method for the evaluation of atrial function: transthoracic tissue Doppler echocardiography**  
Palecek T., Dambrauskaite V., Eroglu E., D'hooge J., Claus P., Langeland S., Bijmens B., Sutherland G.  
Congress of the European-Society-of-Cardiology, Vienna, Avusturya, 30 Ağustos - 03 Eylül 2003, cilt.24, ss.206

## **Bilimsel Kuruluşlardaki Üyelikler / Görevler**

Türk Kardiyoloji Derneği, Üye, 2018 - Devam Ediyor , Türkiye

## **Bilimsel Hakemlikler**

TÜRK KARDİYOLOJİ DERNEĞİ ARŞİVİ, Hakemli Bilimsel Dergi, Ocak 2020

## **Bilimsel Danışmanlıklar**

Türk Kardiyoloji Derneği, Bilimsel Projeler İçin Yapılan Danışmanlık, Acıbadem Mehmet Ali Aydınlar Üniversitesi, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, Türkiye, 2021 - Devam Ediyor

## **Etkinlik Organizasyonlarındaki Görevler**

Eroğlu Büyükköner A. E. , Temel Strain ve Strain Rate Görüntüleme Kursu/ Basic Strain and Strain Rate Hands-on Course, Bilimsel Kongre / Sempozyum Organizasyonu, İstanbul, Türkiye, Kasım 2019

## **Kongre ve Sempozyum Katılımı Faaliyetleri**

Ulusal Kardiyoloji, Davetli Konuşmacı, İstanbul, Türkiye, 2020

Tanıdan Tedaviye Pulmoner Hipertansiyonda Ekokardiyografi, Davetli Konuşmacı, İstanbul, Türkiye, 2020

ASD Atölyesi Uygulamalı Eğitim Toplantısı, Davetli Konuşmacı, İstanbul, Türkiye, 2020

## **Atıflar**

Toplam Atıf Sayısı (WOS):410

h-indeksi (WOS):11

## **Davetli Konuşmalar**

European Association of Cardiovascular Imaging, Konferans, Avrupa Kardiyovasküler Görüntüleme Birliği, Avusturya, Aralık 2019

Türk Kardiyoloji Derneği Pulmoner Vasküler ve Erişkin Doğumsal Kalp Hastalıkları Çalışma Grubu Uygulamalı Eğitim

Toplantısı, Konferans, Pulmoner Vasküler ve Erişkin Doğumsal Kalp Hastalıkları Çalışma Grubu, Türkiye, Aralık 2019

3B Ekokardiyografi Kursu, Konferans, TC Sağlık Bakanlığı: İstanbul Sultan Abdülhamit Han Eğitim ve Araştırma Hastanesi, Türkiye, Ekim 2019

35. Türk Kardiyoloji Kongresi, Konferans, Türk kardiyoloji Derneği, Türkiye, Ekim 2019

3. Uluslararası Pulmoner Vasküler Hastalıklar Toplantısı 2019, Konferans, Türk Kardiyoloji Derneği; Pulmoner Vasküler ve Yetişkin Konjenital Çalışma Grubu, Türkiye, Mayıs 2019

Ulusal Uygulamalı Girişimsel Kardiyoloji Toplantısı, Konferans, TKD Girişimsel Kardiyoloji Birliği, Türkiye, Nisan 2019

Uluslararası Kardiyoloji ve Kardiyovasküler Cerrahide Yenilikler Kongresi, Konferans, Uluslararası Kardiyoloji ve Kardiyovasküler Cerrahide Yenilikler, Türkiye, Mart 2019