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### Research Areas

Cardiovascular

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Basal septal hypertrophy as the early imaging biomarker for adaptive phase of remodeling prior to heart failure**  
Yalçin F., Yalçin H., Küçükler N., Arslan S., Akkuş O., Kurtul A., Abraham M. R.  
Journal of Clinical Medicine, vol.11, no.1, 2022 (SCI-Expanded)
- II. **Comparison of two software systems for quantification of myocardial blood flow in patients with hypertrophic cardiomyopathy**  
Yalcin H., Valenta I., Zhao M., Tahari A., Lu D., Higuchi T., Yalcin F., Kucukler N., Soleimanifard Y., Zhou Y., et al.  
Journal of Nuclear Cardiology, vol.26, no.4, pp.1243-1253, 2019 (SCI-Expanded)
- III. **Evolution of ventricular hypertrophy and myocardial mechanics in physiological and pathological hypertrophy**  
Yalçin F., Kucukler N., Cingolani O., Mbiyangandu B., Sorensen L., Pinherio A., Abraham M. R., Abraham T. P.  
Journal of Applied Physiology, vol.126, no.2, pp.354-362, 2019 (SCI-Expanded)
- IV. **Correction to: Comparison of two software systems for quantification of myocardial blood flow in patients with hypertrophic cardiomyopathy (Journal of Nuclear Cardiology, (2019), 26, 4, (1243-1253), 10.1007/s12350-017-1155-x)**  
Küçükler N.  
JOURNAL OF NUCLEAR CARDIOLOGY, vol.26, pp.1243-1253, 2019 (SCI-Expanded)
- V. **Effect of Diffuse Subendocardial Hypoperfusion on Left Ventricular Cavity Size by <sup>13</sup>N-Ammonia Perfusion PET in Patients With Hypertrophic Cardiomyopathy**  
Yalçin H., Valenta I., Yalçin F., Corona-Villalobos C., Vasquez N., Ra J., Kucukler N., Tahari A., Pozios I., Zhou Y., et al.  
American Journal of Cardiology, vol.118, no.12, pp.1908-1915, 2016 (SCI-Expanded)
- VI. **Complete reverse remodeling in acute stress cardiomyopathy. Is preserved tissue contractility under stress related to reverse remodeling**  
Yalçin F., Yalçin H., Küçükler N., Abraham T. P.  
Anadolu Kardiyoloji Dergisi, vol.14, no.1, pp.73-75, 2014 (SCI-Expanded)
- VII. **The effect of valsartan on left ventricular myocardial functions in hypertensive patients with left ventricular hypertrophy**

Kucukler N., Kurt I. H., Topaloglu C., Gurbuz S., Yalcin F.

Journal of Cardiovascular Medicine, vol.13, no.3, pp.181-186, 2012 (SCI-Expanded)

- VIII. **Can quantitative regional myocardial dynamics contribute to the differential diagnosis of acute stress cardiomyopathy? Bölgesel miyokart dinamiklerinin niceliği akut stres kardiyomiyopati ayrıcı tanısına katkı sağlayabilir mi?**

Yalçin F., Küçükler N., Abraham T. P., Garcia M. J.

Anadolu Kardiyoloji Dergisi, vol.12, no.1, pp.71-74, 2012 (SCI-Expanded)

- IX. **Quantitative left ventricular contractility analysis under stress: A new practical approach in follow-up of hypertensive patients**

Yalçin F., Yalçin H., Küçükler N., Abraham T.

Journal of Human Hypertension, vol.25, no.10, pp.578-584, 2011 (SCI-Expanded)

- X. **Stress induced hypertensive response: Should it be evaluated more carefully?**

Kucukler N., Yalçin F., Abraham T. P., Garcia M. J.

Cardiovascular Ultrasound, vol.9, no.1, 2011 (SCI-Expanded)

### **Articles Published in Other Journals**

- I. **Could early septal involvement in the remodeling process be related to the advance hypertensive heart disease?**

Yalçin F., Topaloglu C., Kuçukler N., Ofgeli M., Abraham T. P.

IJC Heart and Vasculature, vol.7, pp.141-145, 2015 (Scopus)

- II. **Exercise-induced T wave normalization in a patient with stable angina pectoris**

Yalçin H., Küçükler N., Gürbüz S., Reyhan M., Erol T., Atalay H., Yalçin F.

ANADOLU KARDIYOLOJİ DERGİSİ, vol.8, pp.37-38, 2008 (Scopus)