

Res. Asst. FULYA AKDENİZ

Personal Information

Office Phone: [+90 262 303 3580](tel:+902623033580)

Email: fulya.akdeniz@kocaeli.edu.tr

Web: <https://avesis.kocaeli.edu.tr/fulya.akdeniz>

Education Information

Doctorate, Kocaeli University, Fen Bilimleri Enstitüsü, Turkey 2017 - Continues

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Turkey 2013 - 2017

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik-Elektronik, Turkey 2009 - 2013

Research Areas

Computer Sciences, Artificial Intelligence, Computer Learning and Pattern Recognition, Human Computer Interaction, Neural Networks, Biosignal Processing, Telemedicine, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Kocaeli University, Mühendislik Fakültesi, 2017 - Continues

Research Assistant, Kocaeli University, Fen Bilimleri Enstitüsü, Fen Bilimleri Enstitüsü, 2017 - 2017

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Classification of cardiac arrhythmias using Zhao-Atlas-Marks time-frequency distribution**
AKDENİZ F., KAYIKÇIOĞLU İ., KAYIKÇIOĞLU T.
MULTIMEDIA TOOLS AND APPLICATIONS, 2021 (Journal Indexed in SCI)
- II. **Time-frequency approach to ECG classification of myocardial infarction**
KAYIKÇIOĞLU İ., AKDENİZ F., KÖSE C., KAYIKÇIOĞLU T.
Computers and Electrical Engineering, vol.84, 2020 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **ST Değişiminin Wigner-Ville Dağılım Esaslı Erken Tespiti**
Kayıkçioğlu İ., Ulutaş G., Akdeniz F., Kayıkçioğlu T.
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.22, pp.746-753, 2017 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **AKEL: Smart Glove Design that Recognizes Turkish Sign Language and An Android Operating System Based Mobile Application**

YAVUZ E., OZER A., AKDENİZ F., BECERİKLİ Y.

2020 Innovations in Intelligent Systems and Applications Conference (ASYU), 15 - 17 October 2020

II. Performance Comparison of Support Vector Machine, K-Nearest-Neighbor, Artificial Neural Networks, and Recurrent Neural networks in Gender Recognition from Voice Signals

Akdeniz F., Becerikli Y.

2019 3rd International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), Ankara, Turkey, 11 - 13 October 2019

III. Performance Comparison of Support Vector Machine and K-Nearest Neighbor Algorithms in Leaf Recognition System Based on Android Operating System Android İletim Sistemine Dayali Yaprak Tanima Sisteminde Destek Vektör Makineleri ve K-En Yakın Komsuluk Algoritmalarının Performans Karsılastırması

Çelebi O., Cem E., Badem A., Akdeniz F., Becerikli Y.

3rd International Symposium on Multidisciplinary Studies and Innovative Technologies, ISMSIT 2019, Ankara, Turkey, 11 - 13 October 2019

IV. Detection of ECG arrhythmia using Zhao-Atlas Mark time-frequency distribution

AKDENİZ F., KAYIKÇIOĞLU T.

2018 26th Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018

V. Detection of ECG Arrhythmia Using Large Choi Williams Time-Frequency Feature Set

AKDENİZ F., KAYIKÇIOĞLU T.

TIPTEKNO'17, 12 - 14 October 2017

VI. Real-Time Monitoring of ST Change for Telemedicine

KAYIKÇIOĞLU İ., AKDENİZ F., KAYIKÇIOĞLU T., KAYA İ.

CMBEBİH 2017, 16 - 18 March 2017

VII. Using Wigner-Ville distribution in ECG arrhythmia detection for telemedicine applications

AKDENİZ F., KAYIKÇIOĞLU İ., KAYA İ., KAYIKÇIOĞLU T.

Telecommunications and Signal Processing (TSP), 27 - 29 June 2016

VIII. Wigner-Ville distribution based ECG arrhythmia detection for telemedicine applications

KAYIKÇIOĞLU İ., AKDENİZ F., KAYIKÇIOĞLU T.

Signal Processing and Communication Application Conference (SIU), 16 - 19 May 2016

Supported Projects

Kaya İ., Kayıkçioğlu T., TUBİTAK Project, 114E452 Kablosuz Vücut Algılayıcı Ağları Ve Uzaktan Hasta Takip Sistemi, 2015 - 2017

Citations

Total Citations (WOS):11

h-index (WOS):2