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Personal Information

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Education Information

Postgraduate, Karadeniz Technical University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey 2015 - 2017

Research Areas

Biomedical Engineering, Biosignal Processing, Biosignal Processing, Engineering and Technology

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Classification of cardiac arrhythmias using Zhao-Atlas-Marks time-frequency distribution**
AKDENİZ F., KAYIKÇIOĞLU İ., KAYIKÇIOĞLU T.
MULTIMEDIA TOOLS AND APPLICATIONS, vol.80, no.20, pp.30523-30537, 2021 (SCI-Expanded)
- II. **Time-frequency approach to ECG classification of myocardial infarction**
KAYIKÇIOĞLU İ., AKDENİZ F., KÖSE C., KAYIKÇIOĞLU T.
COMPUTERS & ELECTRICAL ENGINEERING, vol.84, 2020 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Simulation of morphologically and biophysically realistic single nerve cells using user-friendly software**
ÖZCAN Z., KAYIKÇIOĞLU İ., yıldırım ö., KÖSE C., KAYIKÇIOĞLU T.
17th Turkish Neuroscience Congress, Trabzon, Turkey, 4 - 07 April 2019, pp.540
- II. **Born-Jordan Zaman Frekans Dönüşümü ve Yapay Sinir Ağları Kullanılarak EKG ST Segmenti Değişiminin Tespiti (ECG ST Segment Change Detection Using Zhao- Atlas-Mark Time-Frequency Transform and Artificial Neural Networks)**
KAYIKÇIOĞLU İ., KÖSE C., KAYIKÇIOĞLU T.
IEEE 26th Signal Processing and communications applications Conference (IEEE 26, 2 - 05 May 2018)
- III. **ECG ST Segment Change Detection Using Born-Jordan Time-Frequency Transform and Artificial Neural Networks**
KAYIKÇIOĞLU İ., KÖSE C., KAYIKÇIOĞLU T.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- IV. **Cell Master: A Versatile and User-Friendly Educational Software for Simulation of Neuronal Dynamics**
ÖZCAN Z., KAYIKÇIOĞLU İ., Yıldırım O., KÖSE C., KAYIKÇIOĞLU T.
Medical Technologies National Congress (TIPTEKNO), Magusa, CYPRUS, 8 - 10 November 2018
- V. **ECG ST Change Detection Using Zhao-Atlas-Mark Time-Frequency Distribution**

KAYIKÇIOĞLU İ., KAYIKÇIOĞLU T.

Medical Technologies National Congress (TIPTEKNO), Trabzon, Turkey, 12 - 14 October 2017

VI. Real-Time Monitoring of ST Change for Telemedicine

Kayikcioglu I., Akdeniz F., KAYIKÇIOĞLU T., KAYA İ.

International Conference on Medical and Biological Engineering in Bosnia and Herzegovina (CMBEBIH), Sarajevo, Bosnia And Herzegovina, 16 - 18 March 2017, vol.62, pp.671-677

VII. Using Wigner-Ville Distribution in ECG Arrhythmia Detection for Telemedicine Applications

Akdeniz F., Kayikcioglu I., KAYA İ., KAYIKÇIOĞLU T.

39th International Conference on Telecommunications and Signal Processing (TSP), Vienna, Austria, 27 - 29 June 2016, pp.409-412

Metrics

Publication: 9

Citation (WoS): 22

Citation (Scopus): 31

H-Index (WoS): 2

H-Index (Scopus): 3

Scholarships

TÜBİTAK 2224A-Yurt Dışı Bilimsel Faaliyetleri Katılma Desteği Programı, University, 2016 - Continues