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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

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, vol.80, no.20, pp.30523-30537, 2021 (Journal Indexed in SCI)
- II. **Time-frequency approach to ECG classification of myocardial infarction**
KAYIKÇIOĞLU İ., AKDENİZ F., KÖSE C., KAYIKÇIOĞLU T.
COMPUTERS & ELECTRICAL ENGINEERING, vol.84, 2020 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **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)
- II. **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
- III. **Cell Master: A Versatile and User-Friendly Educational Software for Simulation of Neuronal Dynamics**
ÖZCAN Z., KAYIKÇIOĞLU İ., YILDIRIM O., KÖSE C., KAYIKÇIOĞLU T.
Medical Technologies National Congress (TIPTEKNO), Magusa, CYPRUS, 8 - 10 November 2018
- IV. **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
- V. **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

VI. 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

Citations

Total Citations (WOS):16

h-index (WOS):2

Scholarships

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