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International Researcher IDs

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Publons / Web Of Science ResearcherID: ABB-6149-2020

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Education Information

Doctorate, Texas Tech University, Engineering, Electrical Engineering, United States Of America 1989 - 1993

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Elektrik Elektronik, Turkey 1984 - 1986

Undergraduate, Karadeniz Technical University, Mühendislik Mimarlık Fakültesi, Elektrik Elektronik, Turkey 1980 - 1984

Dissertations

Doctorate, A MODEL BASED METHOD FOR ESTIMATING DIMENSIONS AND-THREE DIMENSIONAL RECONSTRUCTION OF CORONARY ARTRIAL TREES FROM BIPLANE ANGIOGRAMS, Texas Tech University, Electrical Engineering, Electrical Engineering, 1993

Postgraduate, VİDEO İŞARETLERİNİN SAYISAL İŞLEMLERİ KONUSUNUN İNCELENMESİ VE VİDEO İŞARETLERİNDE DETAY ARTTIRAN SAYISAL BİR DEVRENİN GERÇEKLEŞTİRİLMESİ, Karadeniz Technical University, Elektrik- Elektronik Müh., Elektrik Elektronik, 1987

Research Areas

Biomedical Engineering, Bioengineering and MEMS, Bioinstrumentation and Microelectromechanical Systems (MEMS), bioPhotonic, Biomedical Optics, Biomedical Image Processing, Biosignal Processing, Telemedicine, Engineering and Technology

Academic Titles / Tasks

Professor, Karadeniz Technical University, Mühendislik Fak, Elektrik-Elektronik Müh., 1985 - Continues

Associate Professor, Karadeniz Technical University, Mühendislik-Mimarlık, Elektrik-Elektronik, 2005 - 2010

Assistant Professor, Karadeniz Technical University, Mühendislik-Mimarlık, Elektrik-Elektronik, 1993 - 2005

Academic and Administrative Experience

Karadeniz Technical University, Mühendislik İmarlık, Elektrik-Elektronik, 1994 - 2017

Courses

Tıbbi Görüntüleme Teknikleri, Undergraduate, 2017 - 2018
Hesaplamalı Sinirbilimi, Postgraduate, 2017 - 2018
Sistem Tanısı ve Kestirim Teorisi, Postgraduate, 2016 - 2017
Tıbbi Elektronik, Undergraduate, 2017 - 2018
Örüntü Tanıma ve Makine Öğrenme, Postgraduate, 2017 - 2018

Advising Theses

KAYIKÇIOĞLU T., Derin Öğrenme Algoritmalarının EKG Aritmilerinin Sınıflandırılmasında Değerlendirilmesi, Doctorate, Ö.Tomak(Student), 2018
KAYIKÇIOĞLU T., Periapikal kist ve keratokistik odontojenik tümör lezyonlarının yarı otomatik bölütlenmesi ve sınıflandırılması, Doctorate, E.Yılmaz(Student), 2018
KAYIKÇIOĞLU T., Aktif ve Düşünsel Parmak Hareketlerine ilişkin EEG Sinyallerinin Sınıflandırılması, Doctorate, S.Ketenci(Student), 2018
KAYIKÇIOĞLU T., Kalp aritmisinin çift dalgaboylu PPG sinyalleri kullanılarak belirlenmesi, Postgraduate, Ö.YILDIRIM(Student), 2017
KAYIKÇIOĞLU T., EKG aritmilerinin zaman frekans esaslı öznelikler kullanılarak sınıflandırılması, Postgraduate, F.AKDENİZ(Student), 2017
KAYIKÇIOĞLU T., Konuşmacı aşinalığının EEG tabanlı belirlenmesi, Postgraduate, Z.ÖZCAN(Student), 2017
KAYIKÇIOĞLU T., Analysis of EEG signals in gazing at rotating vanes for brain computer interface, Doctorate, M.MALEKI(Student), 2017
KAYIKÇIOĞLU T., Development of Novel Physiological Analysis Methods Based on Dual-Wavelength Photoplethysmographic Signals Time Differences, Doctorate, N.Vahdani(Student), 2016
KAYIKÇIOĞLU T., Motif tabanlı biyolojik sinir ağlarının kısa- ve uzun dönem bellek davranışının incelenmesi, Doctorate, A.TURAN(Student), 2013
KAYIKÇIOĞLU T., İki veya daha fazla anjiyo görüntüsünden koroner damarların üç boyutlu yapısının elipsoid esaslı yüksek doğrulukta eldesi, Doctorate, M.ÖZTÜRK(Student), 2013
KAYIKÇIOĞLU T., İmlecin iki boyutlu hareketinin hayali sırasında kaydedilmiş EEG işaretlerinin karar ağaç yapısı esaslı sınıflandırılması, Doctorate, Ö.AYDEMİR(Student), 2013
KAYIKÇIOĞLU T., Kısmi en küçük kareler regresyon yöntemiyle uyku EEG' sinin sınıflandırılması, Postgraduate, K.EROĞLU(Student), 2013
KAYIKÇIOĞLU T., Beyincik purkinje nöronlarında bulunan sodyum kanal akımları için geliştirilen bir markov modeli, Doctorate, V.ÖZKANER(Student), 2005
KAYIKÇIOĞLU T., Purkinje hücrelerinde bulunan iyonik atomların dinamiğinin bölmeli modellemeye dayalı olarak incelenmesi, Doctorate, M.ÖZER(Student), 2001
KAYIKÇIOĞLU T., Doğrusal zamanla değişmyen sürekli dizgelerde parametre kestirimi, Doctorate, A.ATASOY(Student), 1997
KAYIKÇIOĞLU T., Video sinyallerinin düşük veri iletim hızlarında kodlanması için blok karşılaştırmaya dayalı yeni bir hareket kestirim yöntemi Video sinyallerinin düşük veri iletim hızlarında kodlanması için blok karşılaştırmaya dayalı yeni bir hareket kestirim yöntemi, Doctorate, A.GANGAL(Student), 1994

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Determining the effect of emotional images brightness on EEG signals by classification algorithms**
Eroğlu K., Osman O., KAYIKÇIOĞLU T., Kurt P.
Multidimensional Systems and Signal Processing, vol.33, no.3, pp.835-861, 2022 (SCI-Expanded)
- II. **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)

- III. **A Two-Phase Approach using Mask R-CNN and 3D U-Net for High-Accuracy Automatic Segmentation of Pancreas in CT Imaging**
Dogan R. O., Dogan H., Bayrak C., KAYIKÇIOĞLU T.
COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE, vol.207, 2021 (SCI-Expanded)
- IV. **An automatic EEG-based sleep staging system with introducing NAO_{SP} and NAO_{GP} as new metrics for sleep staging systems**
Melek M., Manshouri N., KAYIKÇIOĞLU T.
COGNITIVE NEURODYNAMICS, vol.15, no.3, pp.405-423, 2021 (SCI-Expanded)
- V. **Evaluating MFCC-based speaker identification systems with data envelopment analysis**
ÖZCAN Z., KAYIKÇIOĞLU T.
Expert Systems with Applications, vol.168, 2021 (SCI-Expanded)
- VI. **Multi-objective symbiotic organism search algorithm for optimal feature selection in brain computer interfaces**
BAYSAL Y. A., Ketenci S., ALTAŞ İ. H., KAYIKÇIOĞLU T.
EXPERT SYSTEMS WITH APPLICATIONS, vol.165, 2021 (SCI-Expanded)
- VII. **Low-Cost Brain-Computer Interface Using the Emotiv Epoc Headset Based on Rotating Vanes**
Melek M., Manshouri N., KAYIKÇIOĞLU T.
TRAITEMENT DU SIGNAL, vol.37, no.5, pp.831-837, 2020 (SCI-Expanded)
- VIII. **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)
- IX. **Effect of brightness of visual stimuli on EEG signals**
Eroglu K., KAYIKÇIOĞLU T., OSMAN O.
BEHAVIOURAL BRAIN RESEARCH, vol.382, 2020 (SCI-Expanded)
- X. **A Comprehensive Analysis of 2D&3D Video Watching of EEG Signals by Increasing PLSR and SVM Classification Results**
Manshouri N., KAYIKÇIOĞLU T.
COMPUTER JOURNAL, vol.63, no.3, pp.425-434, 2020 (SCI-Expanded)
- XI. **An EEG-based stereoscopic research of the PSD differences in pre and post 2D&3D movies watching**
Manshouri N., Maleki M., KAYIKÇIOĞLU T.
BIOMEDICAL SIGNAL PROCESSING AND CONTROL, vol.55, 2020 (SCI-Expanded)
- XII. **Accurate Detection of Distorted Pectoral Muscle in Mammograms Using Specific Patterned Isocontours**
Ture H., KAYIKÇIOĞLU T.
IEEE ACCESS, vol.8, pp.147370-147386, 2020 (SCI-Expanded)
- XIII. **Bagged tree classification of arrhythmia using wavelets for denoising, compression, and feature extraction**
TOMAK Ö., KAYIKÇIOĞLU T.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.26, no.3, pp.1555-1571, 2018 (SCI-Expanded)
- XIV. **Development of a Novel Physiological Analysis Method Based on Two Wavelength Photoplethysmography Signals Time Difference Variations**
VAHDANI-MANAF N., KAYIKÇIOĞLU T.
JOURNAL OF MEDICAL IMAGING AND HEALTH INFORMATICS, vol.6, no.2, pp.372-379, 2016 (SCI-Expanded)
- XV. **Investigation of the most appropriate mother wavelet for characterizing imaginary EEG signals used in BCI systems**
AYDEMİR Ö., KAYIKÇIOĞLU T.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.24, no.1, pp.38-49, 2016 (SCI-Expanded)

- XVI. **A new brain-computer interface system using the gaze on rotating vane.**
MALEKI M., KAYIKÇIOĞLU T.
BIOMEDICAL RESEARCH-INDIA, vol.27, no.1, pp.186-190, 2016 (SCI-Expanded)
- XVII. **Fast and accurate PLS-based classification of EEG sleep using single channel data**
KAYIKÇIOĞLU T., Maleki M., Eroğlu K.
EXPERT SYSTEMS WITH APPLICATIONS, vol.42, no.21, pp.7825-7830, 2015 (SCI-Expanded)
- XVIII. **A model-based edge estimation method with increased edge localization accuracy for medical images**
ÖZTÜRK M., KAYIKÇIOĞLU T.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.23, no.4, pp.1127-1141, 2015 (SCI-Expanded)
- XIX. **Decision tree structure based classification of EEG signals recorded during two dimensional cursor movement imagery**
AYDEMİR Ö., KAYIKÇIOĞLU T.
JOURNAL OF NEUROSCIENCE METHODS, vol.229, pp.68-75, 2014 (SCI-Expanded)
- XX. **Clinical, Neurocognitive, Structural Imaging and Dermatoglyphics in Schizophrenia According to Kraepelin Criteria**
GULEC H., ULUSOY KAYMAK S., BILICI M., GANGAL A., KAYIKÇIOĞLU T., SARI A., Tan U.
NOROPSIKIYATRI ARSIVI-ARCHIVES OF NEUROPSYCHIATRY, vol.50, no.3, pp.256-262, 2013 (SCI-Expanded)
- XXI. **KRAEPELİN ÖLÇÜTLERİNE UYAN ŞİZOFRENİ HASTALARINDA KLİNİK, NÖROKOGNİTİF, YAPISAL GÖRÜNTÜLEME VE DERMATOGLİFİK ÖZELLİKLER**
GÜLEÇ H., ulusoy kaymak s., BİLİCİ M., GANGAL A., KAYIKÇIOĞLU T., SARI A., tan ü.
Noropsikiyatri Arsivi-Archives Of Neuropsychiatry, vol.49, no.1, pp.1, 2012 (SCI-Expanded)
- XXII. **Classifying Various EMG and EOG Artifacts in EEG Signals**
AYDEMİR Ö., Pourzare S., KAYIKÇIOĞLU T.
PRZEGLAD ELEKTROTECHNICZNY, vol.88, pp.218-222, 2012 (SCI-Expanded)
- XXIII. **Wavelet Transform Based Classification of Invasive Brain Computer Interface Data**
AYDEMİR Ö., KAYIKÇIOĞLU T.
RADIOENGINEERING, vol.20, no.1, pp.31-38, 2011 (SCI-Expanded)
- XXIV. **A polynomial fitting and k-NN based approach for improving classification of motor imagery BCI data**
KAYIKÇIOĞLU T., Aydemir Ö.
PATTERN RECOGNITION LETTERS, vol.31, no.11, pp.1207-1215, 2010 (SCI-Expanded)
- XXV. **Collective temporal coherence for subthreshold signal encoding on a stochastic small-world Hodgkin-Huxley neuronal network**
Ozer M., Uzuntarla M., KAYIKÇIOĞLU T., GRAHAM L. J.
PHYSICS LETTERS A, vol.372, no.43, pp.6498-6503, 2008 (SCI-Expanded)
- XXVI. **Implementation of a Virtual Private Network-Based Laboratory Information System Serving for a Rural Area in Turkey**
TURHAN K., KAYIKÇIOĞLU T.
LABMEDICINE, vol.37, no.9, pp.527-531, 2006 (SCI-Expanded)
- XXVII. **Implementation of a virtual private network-based laboratory information system serving a rural area in Turkey**
TURHAN K., KAYIKÇIOĞLU T.
Laboratory Medicine, vol.37, no.9, pp.527-531, 2006 (SCI-Expanded)
- XXVIII. **A new description for sodium channel gating model based on macroscopic ionic currents in dissociated cerebellar Purkinje neurons**
Kayikcioglu T., OZKANER V.
PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, vol.343, pp.487-498, 2004 (SCI-Expanded)
- XXIX. **An improved motion-compensated restoration method for damaged color motion picture films**
GANGAL A., KAYIKCIOGLU T., Dizdaroglu B.
SIGNAL PROCESSING-IMAGE COMMUNICATION, vol.19, no.4, pp.353-368, 2004 (SCI-Expanded)

XXX. Reconstructing coronary arterial segments from three projection boundaries

Kayıkcioglu T., GANGAL A., TURHAL M.

PATTERN RECOGNITION LETTERS, vol.22, pp.611-624, 2001 (SCI-Expanded)

XXXI. Reconstructing ellipsoids from three projection contours

Kayıkcioglu T., GANGAL A., OZER M.

PATTERN RECOGNITION LETTERS, vol.21, no.11, pp.959-968, 2000 (SCI-Expanded)

Articles Published in Other Journals

I. Foreword

Aydin O., Özen A., Köse E., Çiçek S., Biçer M. B., Alcan V., Obuz S., Üstün D., Şenol A., Ateş V., et al.

32nd IEEE Conference on Signal Processing and Communications Applications, SIU 2024 - Proceedings, 2024 (Scopus)

II. Tüm Üç Hücreli Biyolojik Sinir Ağı Motiflerinin Kısa- ve Uzun Dönem Bellek Davranışının İncelenmesi

TURAN A., KAYIKÇIOĞLU T.

Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.12, no.2, pp.553-567, 2019 (Peer-Reviewed Journal)

III. Üç hücreli motif genelleme ile oluşturulan küçük ölçekli biyolojik sinir ağlarının bellek davranışı

TURAN A., KAYIKÇIOĞLU T.

Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.21, no.2, pp.565-577, 2019 (Peer-Reviewed Journal)

IV. Investigation of Theta Rhythm Effect in Detection of Finger Movement

Ketenci S., KAYIKÇIOĞLU T.

JOURNAL OF EXPERIMENTAL NEUROSCIENCE, vol.13, 2019 (ESCI)

V. ST Değişiminin Wigner-Ville Dağılım Esaslı Erken Tespiti

KAYIKÇIOĞLU İ., ULUTAŞ G., AKDENİZ F., KAYIKÇIOĞLU T.

Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.22, no.2, pp.746-753, 2018 (Peer-Reviewed Journal)

VI. Elektronik Sağlık Kayıtlarının WCF Web Servisleri Kullanılarak Aktarılması ve Depolanması

DOĞAN R. Ö., KAYIKÇIOĞLU T., YAĞCI Y., YILDIRIM Ö.

Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.22, no.1, pp.232-236, 2018 (Peer-Reviewed Journal)

VII. Öğrenme Esnasında Oluşan Dentritik Spine Yapısal Değişiminin Kısa -ve Uzun Dönem Bellek Davranışı Açısından Modellenmesi

TURAN A., KAYIKÇIOĞLU T.

Ordu Üniversitesi Bilim ve Teknoloji Dergisi, vol.8, no.1, pp.1-15, 2018 (Peer-Reviewed Journal)

VIII. GERÇEK ZAMANLI ARİTMİ TESPİTİNDE FARKLI SINIFLANDIRMA YÖNTEMLERİNİN KARŞILAŞTIRILMASI

TOMAK Ö., KAYIKÇIOĞLU T.

Karadeniz Fen Bilimleri Dergisi, vol.7, no.2, pp.1-9, 2017 (Peer-Reviewed Journal)

IX. A Novel Simple Method to Select Optimal k in k-Nearest Neighbor Classifier

MALEKI M., KAYIKÇIOĞLU T., MANSHOURİ N.

International Journal of Computer Science and Information Security, vol.15, no.2, pp.464-469, 2017 (Peer-Reviewed Journal)

X. Classification of Human Vision Discrepancy during Watching 2D and 3D Movies Based on EEG Signals

MANSHOURİ N., MALEKI M., KAYIKÇIOĞLU T.

International Journal of Computer Science and Information Security, vol.15, no.2, pp.430-436, 2017 (Peer-Reviewed Journal)

XI. A New Brain-Computer Interface System Based on Classification of the Gaze on Four Rotating Vanes

MALEKI M., MANSHOURİ N., KAYIKÇIOĞLU T.

International Journal of Computer Science and Information Security, vol.15, no.2, pp.437-443, 2017 (Peer-

Reviewed Journal)

- XII. **Comparative performance assessment of classifiers in low dimensional feature space which are commonly used in BCI applications** *Elektrorevue J 2 4 58 63 2011*
AYDEMİR Ö., KAYIKÇIOĞLU T.
Elektrorevue, 2011 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Beyin-Bilgisayar Arayüzü**
KAYIKÇIOĞLU T., MALEKİ M., KETENCİ S.
in: *Biyomedikal Mühendisliği ve Uygulamaları*, Onur Koçal, Osman Eroğul, Editor, EMO Yayın No: GY//2019/726, Ankara, pp.241-268, 2019

Refereed Congress / Symposium Publications in Proceedings

- I. **An Efficient 1D Autoencoder-based Approach for R-Peaks Detection in Electrocardiogram Signals**
DOĞAN R. Ö., DOĞAN H., KAYIKÇIOĞLU T.
10th International Conference on Electrical and Electronics Engineering, 08 May 2023
- II. **Shape of Masses in Contrast Mammography Images and First Order Statistical Features Classification Based on**
Koby M. E., Türe H., Doğan R. Ö., KAYIKÇIOĞLU T., TEYMUR A., KUL S.
31st IEEE Conference on Signal Processing and Communications Applications (SIU), İstanbul, Turkey, 5 - 08 July 2023
- III. **Segmentation of Pectoral Muscle Region in MLO Mammography Images by Backbone U-Net Mamografi Görüntülerindeki Pektoral Kas Bölgesinin Omurgali U-Net ile Bölütlenmesi**
Dogan R. O., Ture H., KAYIKÇIOĞLU T.
30th Signal Processing and Communications Applications Conference, SIU 2022, Safranbolu, Turkey, 15 - 18 May 2022
- IV. **BroomyCell: An introductory educational software for neuroscience BroomyCell: Sinirbilim için tanıtıcı bir eğitim yazılımı**
Özcan Z., Yildirim O., Kayıkçioğlu T.
29th IEEE Conference on Signal Processing and Communications Applications, SIU 2021, Virtual, İstanbul, Turkey, 9 - 11 June 2021
- V. **BİYOLOJİK NÖRONLARIN FARKLI AKIM UYARIMLARINDA DİNAMİĞİNİN İNCELENMESİ**
TURHAN H., KAYIKÇIOĞLU T., ÖZCAN Z.
2. ULUSLARARASI 19 MAYIS YENİLİKÇİ BİLİMSEL YAKLAŞIMLAR KONGRESİ, Samsun, Turkey, 27 - 29 December 2019
- VI. **Investigation of Short-term and Long-term Memory Behavior of Three-Cell Motifs in Biological Neural Networks**
TURAN A., KAYIKÇIOĞLU T.
INTERNATIONAL CONGRESS ON ENGINEERING AND LIFE SCIENCE, Kastamonu, Turkey, 26 April 2018, pp.412
- VII. **Simulation of biological networks.**
YILDIRIM Ö., ÖZCAN Z., turhan h., KAYIKÇIOĞLU T.
17th Turkish Neuroscience Congress, Trabzon, Turkey, 4 - 07 April 2019
- VIII. **Simulation of morphologically and biophysically realistic single nerve cells using user-friendly software**
ÖZCAN Z., KAYIKÇIOĞLU İ., yildirim ö., KÖSE C., KAYIKÇIOĞLU T.
17th Turkish Neuroscience Congress, Trabzon, Turkey, 4 - 07 April 2019, pp.540
- IX. **EEG Channel Localization for Brain-Computer Interface System**

MALEKİ M., MANSOURİ N., ÖZTÜRK M., KAYIKÇIOĞLU T.

7th International Conference on Advanced Technologies ICAT, Antalya, Turkey, 28 April - 01 May 2018, pp.353-356

- X. **Comparison and Classification of the EEG Signals during Watching 2D and 3D Movies**
MANSOURİ N., MALEKİ M., ÖZTÜRK M., KAYIKÇIOĞLU T.
7th International Conference on Advanced Technologies, Antalya, Turkey, 28 April - 01 May 2018, pp.359-362
- XI. **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)
- XII. **Detecting Cardiac Arrhythmia by Using Time Differences of Double Wavelength PPG Peaks**
YILDIRIM Ö., KAYIKÇIOĞLU T.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- XIII. **Power Spectrum Analysis of EEG for Watching 2D & 3D Videos and Resting State**
Manshouri N., Maleki M., Kayikcioglu T.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- XIV. **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
- XV. **Network Master: A Versatile and User-Friendly Educational Software for Simulation of Neural Networks**
Yildirim O., ÖZCAN Z., TURHAN H., KAYIKÇIOĞLU T.
Medical Technologies National Congress (TIPTEKNO), Magusa, CYPRUS, 8 - 10 November 2018
- XVI. **R-peaks Detection with Convolutional Neural Network in Electrocardiogram Signal**
DOĞAN R. Ö., KAYIKÇIOĞLU T.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- XVII. **Detection of ECG Arrhythmia Using Zhao-Atlas Mark Time-Frequency Distribution**
AKDENİZ F., KAYIKÇIOĞLU T.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- XVIII. **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
- XIX. **Fast and Accurate Classifier-Based Brain-Computer Interface System Using Single Channel EEG Data**
Maleki M., Manshouri N., KAYIKÇIOĞLU T.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- XX. **Investigation of the effect of luminance level on emotional evaluation by P300 waves observed in EEG records Löminans Dözeyinin Duygusal Değerlendirme Üzerindeki Etkisinin EEG kayıtlarında gözlemlenen P300 Dalgası Aracılığıyla ?ncelenmesi**
Eroglu K., Kurt P., KAYIKÇIOĞLU T., Osman O.
2017 Medical Technologies National Conference, TIPTEKNO 2017, Trabzon, Turkey, 12 - 14 October 2017, pp.1-4
- XXI. **Semi-automatic segmentation of apical lesions in cone beam computed tomography images**
YILMAZ E., KAYIKÇIOĞLU T., KAYIPMAZ S.
2017 25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017, pp.1-4
- XXII. **Semi-automatic segmentation of apical lesions in cone beam computed tomography images**
YILMAZ E., KAYIKÇIOĞLU T., KAYIPMAZ S.
2017 25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017, pp.1-4

- XXIII. **Observation of the effect of the increase in luminance level on emotional assessment in EEG records using Welch method**
KAYIKÇIOĞLU T., Eroğlu K.
2017 25th Signal Processing and Communications Applications Conference, SIU 2017, Antalya, Turkey, 15 - 18 May 2017, pp.1-4
- XXIV. **Developing Electronic Health Recording System for Telemonitoring Chronic Patients**
DOĞAN R. Ö., KAYIKÇIOĞLU T., YILDIRIM Ö., YAĞCI M. Y.
International Conference on Medical and Biological Engineering (CMBEBIH), Saray Bosna, Bosnia And Herzegovina, 16 - 18 March 2017, pp.86-87
- XXV. **Real Time Sending and Monitoring Electronic Health Records**
DOĞAN R. Ö., KAYIKÇIOĞLU T., Yagci Y.
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017
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