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International Researcher IDs

ScholarID: RoeKqo8AAAAJ

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Publons / Web Of Science ResearcherID: V-9731-2017

ScopusID: 6602451231

Yoksis Researcher ID: 10096

Education Information

Doctorate, University of Bristol, Faculty Of Engineering, Department Of Computer Science, United Kingdom 1993 - 1997

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, -, Turkey 1986 - 1990

Undergraduate, Karadeniz Technical University, Mühendislik Mimarlık Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 1982 - 1986

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Doğa ve Mühendislik Bilimlerinde Araştırma Projesi Harlama, TÜBİTAK, 2014

Dissertations

Doctorate, Parallel volume Visualisation, University of Bristol, Faculty Of Engineering, Department Of Computer Science, 1997

Postgraduate, Yüzey Dokusunun ve Fraktal Cisimlerin Bilgisayarla Üretimi, Karadeniz Technical University, Mühendislik Mimarlık Fakültesi, Elektrikmühendisliği, 1990

Research Areas

Computer Sciences, algorithms, Parallel Algorithms, Computer Networks, Computer Graphics, Equipment, Processor Architectures, Artificial Intelligence, Computer Learning and Pattern Recognition, Pattern Recognition and Image Processing, Software, Operating Systems, Engineering and Technology

Academic Titles / Tasks

Professor, Karadeniz Technical University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2014 - Continues
Associate Professor, Karadeniz Technical University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2010 - 2014
Assistant Professor, Karadeniz Technical University, Mühendislik Mühnedislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 1998 - 2009
Research Assistant, Karadeniz Technical University, Mühendislik Mühnedislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 1994 - 1998
Research Assistant, Karadeniz Technical University, Mühendislik Mühnedislik Fakültesi, Elektrik-Elektronik Mühedisliği Bölümü, 1988 - 1994

Courses

Paralel Bilgisayarlar, Undergraduate, 2014 - 2015
İşletim Sistemleri, Undergraduate, 2014 - 2015
Bilgisayar Ağları, Undergraduate, 2014 - 2015
Bilgisayar Ağ Programlama, Undergraduate, 2013 - 2014
Bilgisayar Ağları ve Paralel Hesaplama, Postgraduate, 2013 - 2014
Pararlel Süreçleme, Postgraduate, 2013 - 2014

Advising Theses

KÖSE C., Görünüm Temelli Yöntemlerle Gerçek Zamanlı Göz Bakış Yönü Kestrimi ve İnsana Bilgisayar Etykileşimi, Postgraduate, Ç.Murat(Student), 2014
KÖSE C., El Hareketleriyle Bilgisayar Kullanımı ve Denetimi”, Karadeniz Teknik Üniversitesi, Postgraduate, R.Doğan(Student), 2014
KÖSE C., Retina Görüntülerinde Kalite Değerlendirme ve Diyabetik Retinopati Hastalığının Tespiti, Doctorate, U.Şevik(Student), 2014
KÖSE C., Retinal İmgelerde Optik Disk ve Makulanın Tespiti ve Değerlendirilmesi, Doctorate, C.İkibaş(Student), 2012

Jury Memberships

Doctorate, KTÜ Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği Anabilim Dalı, KTÜ Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği Anabilim Dalı, December, 2014
Post Graduate, KTÜ Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği Anabilim Dalı, Haziran 2014. , KTÜ Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği Anabilim Dalı,, June, 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A novel approach with the dynamic decision mechanism (DDM) in multi-focus image fusion**
Aymaz S., KÖSE C., AYMAZ Ş.
MULTIMEDIA TOOLS AND APPLICATIONS, vol.82, no.2, pp.1821-1871, 2023 (SCI-Expanded)
- II. **SNOROSALAB: A Method Facilitating the Diagnosis of Sleep Breathing Disorders Before Polysomnography**
KAYABEKİR M., YAĞANOĞLU M., KÖSE C.
IRBM, vol.43, no.4, pp.259-271, 2022 (SCI-Expanded)
- III. **A novel signal to image transformation and feature level fusion for multimodal emotion recognition**
Hatipoglu Yilmaz B., Kose C.

- BIOMEDICAL ENGINEERING-BIOMEDIZINISCHE TECHNIK, vol.66, no.4, pp.353-362, 2021 (SCI-Expanded)
- IV. **Automatic Retrieval of Shoeprints Using Modified Multi-Block Local Binary Pattern**
Alizadeh S., Jond H. B., NABIYEV V., KÖSE C.
SYMMETRY-BASEL, vol.13, no.2, 2021 (SCI-Expanded)
- V. **Automatic fuzzy-DBSCAN algorithm for morphological and overlapping datasets**
Yelghi A., KÖSE C., Yelghi A., Shahkar A.
JOURNAL OF SYSTEMS ENGINEERING AND ELECTRONICS, vol.31, no.6, pp.1245-1253, 2020 (SCI-Expanded)
- VI. **A texture-based 3D region growing approach for segmentation of ICA through the skull base in CTA**
BOZKURT F., KÖSE C., SARI A.
MULTIMEDIA TOOLS AND APPLICATIONS, vol.79, pp.33253-33278, 2020 (SCI-Expanded)
- VII. **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)
- VIII. **Multi-focus image fusion for different datasets with super-resolution using gradient-based new fusion rule**
Aymaz S., KÖSE C., AYMAZ Ş.
MULTIMEDIA TOOLS AND APPLICATIONS, vol.79, pp.13311-13350, 2020 (SCI-Expanded)
- IX. **Diversity in a signal-to-image transformation approach for EEG-based motor imagery task classification**
Yilmaz B. H., Yilmaz C. M., Kose C.
MEDICAL & BIOLOGICAL ENGINEERING & COMPUTING, vol.58, no.2, pp.443-459, 2020 (SCI-Expanded)
- X. **An efficient human action recognition framework with pose-based spatiotemporal features**
Agahian S., Negin F., KÖSE C.
ENGINEERING SCIENCE AND TECHNOLOGY-AN INTERNATIONAL JOURNAL-JESTECH, vol.23, no.1, pp.196-203, 2020 (SCI-Expanded)
- XI. **Assessment of CSP-based two-stage channel selection approach and local transformation-based feature extraction for classification of motor imagery/movement EEG data**
Onay F. K., KÖSE C.
BIOMEDICAL ENGINEERING-BIOMEDIZINISCHE TECHNIK, vol.64, no.6, pp.643-653, 2019 (SCI-Expanded)
- XII. **A Novel Approach that Makes Diagnosing Sleep Breathing Disorders Easier by Analyzing in a Computer Environment the Physiological Features of Sound Tapes Recorded from Snorers. A New Product Diagnosing Sleep Breathing Disorder at Home**
KAYABEKİR M., YAĞANOĞLU M., KÖSE C.
ACTA PHYSIOLOGICA, vol.227, pp.100, 2019 (SCI-Expanded)
- XIII. **Improving bag-of-poses with semi-temporal pose descriptors for skeleton-based action recognition**
Agahian S., Negin F., KÖSE C.
VISUAL COMPUTER, vol.35, no.4, pp.591-607, 2019 (SCI-Expanded)
- XIV. **A signal-to-image transformation approach for EEG and MEG signal classification**
Hatipoglu B., YILMAZ Ç. M., KÖSE C.
SIGNAL IMAGE AND VIDEO PROCESSING, vol.13, no.3, pp.483-490, 2019 (SCI-Expanded)
- XV. **A novel image decomposition-based hybrid technique with super-resolution method for multi-focus image fusion**
Aymaz S., KÖSE C.
INFORMATION FUSION, vol.45, pp.113-127, 2019 (SCI-Expanded)
- XVI. **A Quasi-probabilistic distribution model for EEG Signal classification by using 2-D signal representation**
YILMAZ Ç. M., KÖSE C., Hatipoglu B.
COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE, vol.162, pp.187-196, 2018 (SCI-Expanded)
- XVII. **Real-Time Detection of Important Sounds with aWearable Vibration Based Device forHearing-Impaired People**
YAĞANOĞLU M., KÖSE C.

- ELECTRONICS, 2018 (SCI-Expanded)
- XVIII. **Real-Time Detection of Important Sounds with a Wearable Vibration Based Device for Hearing-Impaired People**
YAĞANOĞLU M., KÖSE C.
ELECTRONICS, vol.7, no.4, 2018 (SCI-Expanded)
- XIX. **An inverse approach for automatic segmentation of carotid and vertebral arteries in CTA**
BOZKURT F., KÖSE C., SARI A.
EXPERT SYSTEMS WITH APPLICATIONS, vol.93, pp.358-375, 2018 (SCI-Expanded)
- XX. **A modified firefly algorithm for global minimum optimization**
Yelghi A., KÖSE C.
APPLIED SOFT COMPUTING, vol.62, pp.29-44, 2018 (SCI-Expanded)
- XXI. **Wearable Vibration Based Computer Interaction and Communication System for Deaf**
YAĞANOĞLU M., KÖSE C.
APPLIED SCIENCES-BASEL, vol.7, no.12, 2017 (SCI-Expanded)
- XXII. **SNORAP: A Device for the Correction of Impaired Sleep Health by Using Tactile Stimulation for Individuals with Mild and Moderate Sleep Disordered Breathing**
YAĞANOĞLU M., Kayabekir M., KÖSE C.
SENSORS, vol.17, no.9, 2017 (SCI-Expanded)
- XXIII. **Automatic retrieval of shoeprint images using blocked sparse representation**
Alizadeh S., KÖSE C.
FORENSIC SCIENCE INTERNATIONAL, vol.277, pp.103-114, 2017 (SCI-Expanded)
- XXIV. **Blood Vessel Extraction in Color Retinal Fundus Images with Enhancement Filtering and Unsupervised Classification**
YAVUZ Z., KÖSE C.
JOURNAL OF HEALTHCARE ENGINEERING, 2017 (SCI-Expanded)
- XXV. **Analysis of Software Engineering Industry Needs and Trends: Implications for Education**
GÜRCAN F., KÖSE C.
INTERNATIONAL JOURNAL OF ENGINEERING EDUCATION, vol.33, no.4, pp.1361-1368, 2017 (SCI-Expanded)
- XXVI. **A simple hybrid method for segmenting vessel structures in retinal fundus images**
KÖSE C.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.24, no.3, pp.1446-1460, 2016 (SCI-Expanded)
- XXVII. **Identification of suitable fundus images using automated quality assessment methods**
ŞEVİK U., KÖSE C., BERBER T., ERDÖL H.
JOURNAL OF BIOMEDICAL OPTICS, vol.19, no.4, 2014 (SCI-Expanded)
- XXVIII. **Simple methods for segmentation and measurement of diabetic retinopathy lesions in retinal fundus images**
KÖSE C., ŞEVİK U., İkibas C., ERDÖL H.
COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE, vol.107, no.2, pp.274-293, 2012 (SCI-Expanded)
- XXIX. **Statistical methods for segmentation and quantification of minerals in ore microscopy**
KÖSE C., ALP İ., İkibaş C.
MINERALS ENGINEERING, vol.30, pp.19-32, 2012 (SCI-Expanded)
- XXX. **A personal identification system using retinal vasculature in retinal fundus images**
KÖSE C., İkibas C.
EXPERT SYSTEMS WITH APPLICATIONS, vol.38, no.11, pp.13670-13681, 2011 (SCI-Expanded)
- XXXI. **Statistical Techniques for Detection of Optic Disc and Macula and Parameters Measurement in Retinal Fundus Images**
KÖSE C., İkibas C.
JOURNAL OF MEDICAL AND BIOLOGICAL ENGINEERING, vol.31, no.6, pp.395-404, 2011 (SCI-Expanded)
- XXXII. **Chat mining: Automatically determination of chat conversations' topic in Turkish text based chat mediums**

- Oezyurt O., Koese C.
EXPERT SYSTEMS WITH APPLICATIONS, vol.37, no.12, pp.8705-8710, 2010 (SCI-Expanded)
- XXXIII. **A Statistical Segmentation Method for Measuring Age-Related Macular Degeneration in Retinal Fundus Images**
KÖSE C., ŞEVİK U., GENÇALİOĞLU O., İkibas C., Kayikicioglu T.
JOURNAL OF MEDICAL SYSTEMS, vol.34, no.1, pp.1-13, 2010 (SCI-Expanded)
- XXXIV. **An automatic diagnosis method for the knee meniscus tears in MR images**
Koese C., GENÇALİOĞLU O., ŞEVİK U.
EXPERT SYSTEMS WITH APPLICATIONS, vol.36, no.2, pp.1208-1216, 2009 (SCI-Expanded)
- XXXV. **Automatic segmentation of age-related macular degeneration in retinal fundus images**
Koese C., ŞEVİK U., GENÇALİOĞLU O.
COMPUTERS IN BIOLOGY AND MEDICINE, vol.38, no.5, pp.611-619, 2008 (SCI-Expanded)
- XXXVI. **Fully automatic segmentation of coronary vessel structures in poor quality X-ray angiogram images**
Kose C.
STRUCTURAL, SYNTACTIC, AND STATISTICAL PATTERN RECOGNITION, PROCEEDINGS, vol.4109, pp.74-82, 2006 (SCI-Expanded)
- XXXVII. **A surface-based method for detection of coronary vessel boundaries in poor quality X-ray angiogram images**
KAYIKCIOGLU T., GANGAL A., TURHAL M., Kose C.
PATTERN RECOGNITION LETTERS, vol.23, no.7, pp.783-802, 2002 (SCI-Expanded)
- XXXVIII. **Profiling for efficient parallel volume visualisation**
Kose C., Chalmers A.
PARALLEL COMPUTING, vol.23, no.7, pp.943-952, 1997 (SCI-Expanded)

Articles Published in Other Journals

- I. **A new classification-based approach for multi-focus image fusion**
AYMAZ S., AYMAZ Ş., KÖSE C.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, vol.42, pp.12-26, 2024 (ESCI)
- II. **Machine learning-based intrusion detection for SCADA systems in healthcare**
Öztürk T., Turgut Z., Akgün G., KÖSE C.
Network Modeling Analysis in Health Informatics and Bioinformatics, vol.11, no.1, 2022 (ESCI)
- III. **Real-time Parental Voice Recognition System For Persons Having Impaired Hearing**
YAĞANOĞLU M., KÖSE C.
Bilge International Journal of Science and Technology Research, 2018 (Peer-Reviewed Journal)
- IV. **CLASSIFICATION OF EPILEPTIC AND HEALTHY INDIVIDUALS WITH RECURRENCE PARAMETERS**
KUTLU ONAY F., KÖSE C.
THE JOURNAL OF COGNITIVE SYSTEMS, vol.2, no.1, pp.6-10, 2017 (Peer-Reviewed Journal)
- V. **Denetimli Sınıflandırma Yöntemleri ile Retinal Kan Damarı Bölütleme**
YAVUZ Z., KÖSE C.
TÜRKİYE BİLİŞİM VAKFI BİLGİSAYAR BİLİMLERİ ve MÜHENDİSLİĞİ DERGİSİ, vol.8, no.1, pp.13-23, 2016 (Peer-Reviewed Journal)
- VI. **Retinal Blood Vessel Extraction with Supervised Classification Methods**
YAVUZ Z., KÖSE C.
TÜRKİYE BİLİŞİM VAKFI BİLGİSAYAR BİLİMLERİ ve MÜHENDİSLİĞİ DERGİSİ, vol.1, no.8, 2015 (Peer-Reviewed Journal)
- VII. **Using Machine Translators in Textual Data Classification**
Rouka L., KÖSE C., Tofighi P.
International Journal of Computer and Communication Engineering, 2012 (Peer-Reviewed Journal)
- VIII. **Author s Native Language Identification from Web Based Texts**

- TOFIGHI P., KÖSE C., ROUKA L.
International Journal of Computer and Communication Engineering, 2012 (Peer-Reviewed Journal)
- IX. **A comparison of textual data mining methods for sex identification in chat conversations**
ÖZYURT Ö., KÖSE C., İKİBAŞ C.
Lecture Notes in Computer Science, vol.4993, no.2008, pp.638-643, 2008 (Peer-Reviewed Journal)
- X. **Using mobile robots in detecting the location of product and carriage in terms of farms**
ÖZDEMİR D., KÖSE C.
Journal of Science and Technology (Erzincan Üniversitesi - Fen Bilimleri Enstitüsü dergisi), 2008 (Peer-Reviewed Journal)
- XI. **Mining chat conversations for sex identification**
KÖSE C., ÖZYURT Ö., AMANMYRADOV G.
LECTURE NOTES IN COMPUTER SCIENCE, vol.4819, no.2007, pp.45-55, 2007 (Scopus)
- XII. **A machine translation system for Turkish-Turkmen chat**
KÖSE C., AMANMYRADOV G., ÖZYURT Ö.
Beykent University Journal of Science and Technology, vol.1, no.1, pp.125-134, 2007 (Peer-Reviewed Journal)
- XIII. **A target oriented agent to collect specific information in a chat medium**
KÖSE C., ÖZYURT Ö.
LECTURE NOTES IN COMPUTER SCIENCE, vol.4263, no.2006, pp.697-706, 2006 (Scopus)
- XIV. **A scaleable multiprocessor architecture with multiple read-write memory model**
KÖSE C., ÖZYURT Ö.
INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND NETWORK SECURITY, vol.6, pp.60-71, 2006 (ESCI)
- XV. **Clusteral models for efficient parallel volume visualization**
KÖSE C., Chalmers A.
Parallel and Distributed Computing Practices, 2000 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Clusteral Models for Efficient Parallel Volume Visualization**
KÖSE C., Chalmers A.
in: Parallel and Distributed Computer Graphics, Marta Fiaren and Xavier Pueyo, Editor, Nova Publisher, Inc, New York, pp.57-66, 2001

Refereed Congress / Symposium Publications in Proceedings

- I. **Speaker recognition with extra hyper parameter in LSTM based networks**
GÜNERHAN E., KÖSE C.
6th INTERNATIONAL Artificial Intelligence & Data processing Symposium (IDAP-2022), Malatya, Turkey, 08 September 2022, vol.1, pp.141-147
- II. **A Comparison of Two Appearance based Methods for Gender Recognition**
HATİPOĞLU B., YILMAZ Ç. M., KÖSE C.
Signal Processing and Communications Applications Conference (SIU), 2017 25th, Antalya, Turkey, pp.1
- III. **Classifying Cursor Movement EEG Signals using a Signal-to-Image Transformation Approach**
HATİPOĞLU YILMAZ B., YILMAZ Ç. M., KÖSE C.
TIPTEKNO 'xx19 Tıp Teknolojileri Kongresi, 3 - 05 October 2019
- IV. **Classification of the EEG signals for the cursor movement with the signal-to-image transformation**
İmleç hareketine dayali EEG sinyallerinin sinyal-görüntü dönüşümü yöntemiyle siniflandırılması
Yilmaz B. H., YILMAZ Ç. M., KÖSE C.
2019 Medical Technologies Congress, TIPTEKNO 2019, İzmir, Turkey, 3 - 05 October 2019
- V. **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

- VI. **Prediction of Eye States using k-NN Algorithm: A Comparison Study for Different Distance Metrics and Number of Neighbour Parameters**
YILMAZ Ç. M., Yılmaz B. H., KÖSE C.
Medical Technologies Congress (TIPTEKNO), İzmir, Turkey, 3 - 05 October 2019, pp.326-329
- VII. **Classification of the EEG Signals for the Cursor Movement with the Signal-to-Image Transformation**
Yılmaz B. H., YILMAZ Ç. M., KÖSE C.
Medical Technologies Congress (TIPTEKNO), İzmir, Turkey, 3 - 05 October 2019, pp.483-486
- VIII. **Power Spectral Density Analysis in Alfa, Beta and Gamma Frequency Bands for Classification of Motor EEG Signals**
Onay F. K., KÖSE C.
27th Signal Processing and Communications Applications Conference (SIU), Sivas, Turkey, 24 - 26 April 2019
- IX. **Interactive Visualization of Large Scale Time Varying Volume Data Over Networked Computers**
KÖSE C., İKİBAŞ C., KARADENİZ M. B.
The international scientific conference on Problems of Cybernetic and Informatics (PCI), September 2008., Turkey, 10 - 12 September 2018
- X. **An Efficient Human Action Recognition Framework with Pose-based Spatiotemporal Features**
AGAHIAN S., NEGIN F., KÖSE C.
International Conference on Advanced Technologies, Computer Engineering and Science (ICATCES'18), 11 - 13 June 2018
- XI. **Detection of EEG-Based Motor Imagery Tasks with 1D-Local Binary Pattern (LBP) Features**
KUTLU ONAY F., KÖSE C.
International Conference on Advanced Technologies, Computer Engineering and Science (ICATCES'18), 11 - 13 June 2018
- XII. **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)
- XIII. **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
- XIV. **Classification of Wrist Movements in Different Directions based on MEG Signals**
HATİPOĞLU YILMAZ B., YILMAZ Ç. M., KÖSE C., AYDEMİR Ö.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- XV. **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
- XVI. **A New Hybrid Approach with Perona-Malik Improvement for Multi-focus Image Fusion**
Aymaz S., DİZDAROĞLU B., KÖSE C., AYMAZ Ş.
International Conference on Artificial Intelligence and Data Processing (IDAP), Malatya, Turkey, 28 - 30 September 2018
- XVII. **TEKRARLILIK PARAMETRELERİ İLE EPİLEPTİK VE SAĞLIKLI BİREYLERİN AYIRT EDİLMESİ**
KUTLU ONAY F., KÖSE C.
Uluslararası Mühendislik Araştırmaları Sempozyumu (UMAS'2017), Düzce, Turkey, 11 - 13 September 2017, pp.98
- XVIII. **CLASSIFICATION OF FUNCTIONAL NEAR-INFRARED IMAGING BASEDHEMODYNAMIC PATTERNS RECORDED AT MENTAL ARITHMETIC ANDRESTING**

KUTLU ONAY F., KÖSE C.

International Scientific and Vocational Studies Congress, 01 December 2017

- XIX. **Novel Virtual Mouse System Using Bag of VisualWords and Support Vector Machine**
DOĞAN R. Ö., DOĞAN H., KÖSE C.
ELECO 2017, 3 - 06 November 2017
- XX. **Real-time Parental Voice Recognition System For Persons Having Impaired Hearing**
YAĞANOĞLU M., KÖSE C.
ISMSIT2017, 2 - 05 November 2017
- XXI. **Real-Timely Decrease of Snoring in Patients with Severe Degree of Obstructive Sleep Apnea Syndrome Through Using SNORAP**
YAĞANOĞLU M., KAYABEKİR M., KÖSE C.
ISMSIT2017, 2 - 05 November 2017
- XXII. **Retinal image identification method using Blood vessel Topological information**
YAVUZ Z., KÖSE C.
TIPTEKNO 2017, 12 - 15 October 2017
- XXIII. **Segmentation of carotid arteries in CTA using region based active contours and classification**
BOZKURT F., KÖSE C., SARI A.
International Artificial Intelligence and Data Processing Symposium'xx17, 28 - 30 September 2017
- XXIV. **A Gender Recognition System from Facial Images using SURF based BoW Method**
HATİPOĞLU B., KÖSE C.
International Conference on Computer science and Engineering UBMK17, 20 - 23 September 2017
- XXV. **A New Appearance Based and User Independent Eye State Detection Method using Eigeneyes**
YILMAZ Ç. M., KÖSE C.
25 th Signal processing and communication application conference, 25 - 15 June 2017
- XXVI. **A New Appearance based and User Independent Eye State Detection Method using Eigeneyes**
YILMAZ Ç. M., KÖSE C.
Signal Processing and Communications Applications Conference (SIU), 2017 25th, Antalya, Turkey, 15 - 18 May 2017, pp.1-4
- XXVII. **A Comparison of Two Appearance based Methods for Gender Recognition**
HATİPOĞLU B., YILMAZ Ç. M., KÖSE C.
Signal Processing and Communications Applications Conference (SIU), 2017 25th, Antalya, Turkey, 15 - 18 May 2017, pp.1-4
- XXVIII. **A comparison of two appearance based methods for gender recognition**
HATİPOĞLU B., YILMAZ Ç. M., KÖSE C.
2017 25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017, pp.1-4
- XXIX. **A New Appearance based and User Independent Eye State Detection Method using Eigeneyes**
YILMAZ Ç. M., KÖSE C.
Signal Processing and Communications Applications Conference (SIU), 2017 25th, Antalya, Turkey, 15 - 18 May 2017, pp.1-4
- XXX. **Port-Based DHCP Server Design with Authentication**
Korkmaz M. H., KÖSE C.
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017
- XXXI. **A Comparison of Two Appearance Based Methods for Gender Recognition**
HATİPOĞLU YILMAZ B., YILMAZ Ç. M., KÖSE C.
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017
- XXXII. **A Gender Recognition System fro Facial ages using SURF based BoW Method**
HATİPOĞLU YILMAZ B., KÖSE C.
2017 International Conference on Computer Science and Engineering (UBMK), Antalya, Turkey, 5 - 08 October 2017, pp.989-993
- XXXIII. **Segmentation of Carotid Arteries in CTA Images using Region-based Active Contours and**

Classification

BOZKURT F., KÖSE C., SARI A.

2017 International Artificial Intelligence and Data Processing Symposium (IDAP), Malatya, Turkey, 16 - 17 September 2017

- XXXIV. **Comparison of seeded region growing and random walk methods for vessel and bone segmentation in CTA images**
BOZKURT F., KÖSE C., SARI A.
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Other, pp.1-112, 2014

Activities in Scientific Journals

Journal of General Practice and Medical Diagnosis (GPMD) – Open Access journal, Editor, 2014 - Continues
Turkish Journal of Electrical Engineering Computer Science, Editor, 2013 - Continues

Memberships / Tasks in Scientific Organizations

TÜBİTAK Teknoloji ve Yenilik Destek programları Başkanlığı, Consultant, 2015 - 2016

Scientific Refereeing

compare methods and programs in biomedicine, National Scientific Refreed Journal, December 2015

Computer Methods in Biomechanics and Biomedical Engineering: Imaging & Visualization, National Scientific Refreed Journal, November 2015

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Scientific Consultations

Yılmaz Bilişim A.Ş., Scientific Consultancy, Karadeniz Technical University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey, 2015 - 2015

Metrics

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Congress and Symposium Activities

Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SİU2014), Attendee, Trabzon, Turkey, 2014

Non Academic Experience

Other Public Institution, Türkiye Radyo Televizyon Kurumu

Türkiye Radyo Televizyon Kurumu