Lect. PhD YASİN KAYA

Personal Information

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Education Information

Doctorate, Karadeniz Technical University, -, Bilgisayar Mühendisliği, Turkey 2007 - 2017
Postgraduate, Karadeniz Technical University, -, Bilgisayar Mühendisliği, Turkey 2003 - 2006
Undergraduate, Karadeniz Technical University, Fen Edebiyat Fakültesi, İstatistik Ve Bilgisayar Bilimleri Bölümü, Turkey
1995 - 1999

Foreign Languages

English, C1 Advanced

Dissertations

Postgraduate, Tıbbi görüntü arşivleme ve iletim sistemi, Karadeniz Technical University, -, Bilgisayar Mühendisliği, 2006

Research Areas

Computer Sciences, Computer Graphics, Computer Graphics, bioinformatics, Biocomputing, Database and Data
Structures, Data Representation and Storage, Data Structures, Artificial Intelligence, Computer Learning and Pattern
Recognition, Computer Learning, Human Computer Interaction, Text/Document Processing, Pattern Recognition and
Image Processing, Neural Networks, Engineering and Technology

Academic Titles / Tasks

Lecturer PhD, Karadeniz Technical University, Rektörlük, Uzaktan Eğitim Uygulama ve Araştırma Merkezi, 2015 -
Continues
Lecturer, Karadeniz Technical University, Enformatik Bölümü, Enformatik Bölümü, 1999 - 2015

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Improving performance of coronary artery segmentation using calculated vessel location from the
angiogram.**
Tenekeci M. E., PEHLİVAN H., Kaya Y.
Biomedical Research (India), vol.29, no.1, pp.130-136, 2018 (SCI-Expanded)

II. **Improving performance of coronary artery segmentation using calculated vessel location from the angiogram.**
TENEKECI M. E., PEHLİVAN H., KAYA Y.
BIOMEDICAL RESEARCH-INDIA, vol.29, no.1, pp.130-136, 2018 (SCI-Expanded)

III. **Effective ECG beat classification using higher order statistic features and genetic feature selection**
Kaya Y., PEHLİVAN H., Tenekeci M. E.
BIOMEDICAL RESEARCH-INDIA, vol.28, no.17, pp.7594-7603, 2017 (SCI-Expanded)

Articles Published in Other Journals

I. **Classification of PVC Beat in ECG Using Basic Temporal Features**
KAYA Y.
BALKAN JOURNAL OF ELECTRİCAL AND COMPUTER ENGİNEERİNG, vol.6, no.2, pp.10-14, 2018 (Peer-Reviewed Journal)

II. **Classification of Premature Ventricular Contraction in ECG**
KAYA Y., PEHLİVAN H.
International Journal of Advanced Computer Sciences and Applications (IJACSA), vol.6, no.7, pp.34-40, 2015 (Peer-Reviewed Journal)

III. **Classification of Premature Ventricular Contraction in ECG**
Kaya Y., PEHLİVAN H.
INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS, vol.6, no.7, pp.34-40, 2015 (ESCI)

Books & Book Chapters

I. **Microsoft Excel 2010**
YILMAZ E., SÖNMEZ A., SÖNMEZ S., KAYA Y., BİNGÖL Ö., GÜNER A., KOCABAŞ A., AKAY A., GÜRCAN F., DOĞU A. H.
in: Temel Bilgi Teknolojileri, BİNGÖL Özkan, Editor, Derya Kitabevi, Trabzon, pp.158-192, 2011

II. **Temel Bilgi Teknolojileri**
KAYA Y., YILMAZ E., GÜRCAN F., SÖNMEZ S., KOCABAŞ A.
Derya Kitabevi, Trabzon, 2010

III. **Uygulamalı İleri Excel**
KAYA Y., YILMAZ E., SÖNMEZ S., KOCABAŞ A., GÜRCAN F.
Derya Kitabevi, Trabzon, 2007

IV. **Bölüm 3 Word**
Yılmaz E., Doğu A. H., Kaya Y., Gürcan F., Sönmez S., Oğuz Y., Bingöl Ö., Kocabaş A., Akay A., Güner A., et al.
in: Temel Bilgisayar, DOĞU Ali Haydar, Editor, Derya Kitabevi, Trabzon, pp.131-159, 2007

V. **Temel Bilgisayar**
KAYA Y., YILMAZ E., GÜRCAN F., KOCABAŞ A., SÖNMEZ S.
Şahinkaya Matbaacılık, İstanbul, 2005

VI. **Microsoft Word**
YILMAZ E., NEJAT M., KAYA Y., GÜRCAN F., SÖNMEZ S., OĞUZ Y., BİNGÖL Ö., KOCABAŞ A., GÜNER A., GÖĞÜSDERE Ş., et al.
in: Temel Bilgisayar, DOĞU Ali Haydar, Editor, Şahinkaya Matbaacılık, İSTANBUL, Trabzon, pp.102-119, 2005

VII. **Temel Bilgisayar 1**
KAYA Y., COŞKUN E., GÜRCAN F.
Karadeniz Teknik Üniversitesi Matbaası, Trabzon, 2001

Refereed Congress / Symposium Publications in Proceedings

I. **Feature selection using binary cuckoo search algorithm Ikili guguk kuşu arama algoritmasi ile öznitelik seçimi**
Kaya Y.
26th IEEE Signal Processing and Communications Applications Conference, SIU 2018, İzmir, Turkey, 2 - 05 May 2018, pp.1-4

II. **Comparison of Using the Genetic Algorithm and Cuckoo Search for Feature Selection**
Kaya Y.
International Conference on Artificial Intelligence and Data Processing (IDAP), Malatya, Turkey, 28 - 30 September 2018

III. **Feature Selection Using Binary Cuckoo Search Algorithm**
Kaya Y.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018

IV. **EKG'DEKİ DAL BLOKU VURULARININ ALGILANMASI İÇİN GENETİK ÖZNİTELİK SEÇİMİ**
KAYA Y., GÜRCAN F., PEHLİVAN H.
I. INTERNATIONAL TURKISH WORLD ENGINEERING AND SCIENCE CONGRESS, 7 - 10 December 2017, vol.1, pp.87-95

V. **Genetic Feature Selection for Detection of Bundle Branch Block Beats of ECG**
KAYA Y., GÜRCAN F., PEHLİVAN H.
1nd International Turkish World Enginering and Science Congress, Antalya, Turkey, 7 - 12 December 2017, vol.1, no.1, pp.87-95

VI. **Finding Binary Patterns with Binary Cuckoo Search Algorithm**
KAYA Y.
International Advanced Researches Engineering Congress, Osmaniye, Turkey, 16 - 18 November 2017, vol.1, no.1, pp.1396

VII. **Classification of Premature Ventricular Contraction Beat Using Basic Temporal Features**
KAYA Y., PEHLİVAN H.
International Advanced Researches Engineering Congress, Osmaniye, Turkey, 16 - 18 November 2017, vol.1, no.1, pp.1313-1318

VIII. **Feature Selection Using Genetic Algorithms for Premature Ventricular Contraction Classification**
Kaya Y., PEHLİVAN H.
9th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey, 26 - 28 November 2015, pp.1229-1232

IX. **Comparison of Classification Algorithms in Classification of ECG Beats by Time Series**
Kaya Y., PEHLİVAN H.
23nd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.407-410

X. **EKGDEKİ NORMAL VE ERKEN KARINCIK KASILMASI VURULARININ SINIFLANDIRILMASI**
KAYA Y.
8. Uluslararası İstatistik Kongresi, Antalya, Turkey, 27 - 29 October 2013, pp.2

XI. **Retinada, Diyabetik Retinopati Hastalığı Sonucu Oluşan Eksuda Lezyonlarının Gözetimsiz Sınıflandırıcılar İle Bölütlenmesi**
ŞEVİK U., KAYA Y., KÖSE C., ERDÖL H.
7. Uluslararası İstatistik Kongresi, Antalya, Turkey, 28 April - 01 May 2011, pp.322

XII. **GÖRÜNTÜ ARŞİVLEME VE İLETİŞİM SİSTEMİ (PACS)**
KAYA Y., KUŞ R.
AKADEMİK BİLİŞİM 2006, Denizli, Turkey, 9 - 11 February 2006, pp.4

Metrics

Publication: 25
Citation (WoS): 32
Citation (Scopus): 51
H-Index (WoS): 4
H-Index (Scopus): 3