

Asst. Prof. BEKİR HAKAN AKSEBZECİ

Personal Information

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Education Information

Post Doctorate, Drexel University, School Of Biomedical Engineering, United States Of America 2013 - 2014

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Electrical and Electronics Engineering, Turkey 2005 - 2011

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Computer Sciences, Artificial Intelligence, Computer Learning and Pattern Recognition, Biomedical Engineering, Biomedical Image Processing, Biosignal Processing, Biosignal Processing, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Abdullah Gul University, Mühendislik Fakültesi, Biyomedikal Mühendisliği, 2012 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **A decision support system for the prediction of mortality in patients with acute kidney injury admitted in intensive care unit**
Kayaaltı S., Kayaaltı Ö., AKSEBZECİ B. H.
Journal of Applied Biomedicine, vol.18, no.1, pp.26-32, 2020 (Journal Indexed in SCI)
- II. **Liver fibrosis staging using CT image texture analysis and soft computing**
KAYAALTI Ö., AKSEBZECİ B. H., Karahan I. O., DENİZ K., Ozturk M., YILMAZ B., Kara S., Asyali M. H.
APPLIED SOFT COMPUTING, vol.25, pp.399-413, 2014 (Journal Indexed in SCI)
- III. **Design and implementation of a voice-controlled prosthetic hand**
ASYALI M. H., YILMAZ M., TOKMAKÇI M., SEDEF K., Aksebzeci B. H., MITTAL R.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.19, no.1, pp.33-46, 2011
(Journal Indexed in SCI)
- IV. **Classification of root canal microorganisms using electronic-nose and discriminant analysis**
Aksebzeci B. H., ASYALI M. H., Kahraman Y., Er O., Kaya E., Ozbilge H., Kara S.
BIOMEDICAL ENGINEERING ONLINE, vol.9, 2010 (Journal Indexed in SCI)
- V. **Medical application of information gain-based artificial immune recognition system (IG-AIRS): Classification of microorganism species**
Kara S., Aksebzeci B. H., Kodaz H., Gunes S., Kaya E., Ozbilge H.

EXPERT SYSTEMS WITH APPLICATIONS, vol.36, no.3, pp.5168-5172, 2009 (Journal Indexed in SCI)

- VI. **Asynchronous implementation of discrete event controllers based on safe automation Petri nets**
UZAM M., Koc I. B. , Gelen G., Aksebzeci B. H.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.41, pp.595-612, 2009 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Relationship Between Neutrophil Gelatinase-associated Lipocalin and Mortality in Acute Kidney Injury**
Kayaalti S., KAYAALTI Ö., AKSEBZECİ B. H.
TURKISH JOURNAL OF INTENSIVE CARE-TURK YOGUN BAKIM DERGISI, vol.16, no.3, pp.101-108, 2018 (Journal Indexed in ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Computer-Aided Classification of Breast Cancer Histopathological Images**
AKSEBZECİ B. H. , KAYAALTI Ö.
Medical Technologies National Congress (TIPTEKNO), Trabzon, Turkey, 12 - 14 October 2017
- II. **Meme Kanseri Histopatolojik Görüntülerinin Bilgisayar Destekli Sınıflandırılması**
AKSEBZECİ B. H. , Kayaalti Ö.
Tıp Teknolojileri Kongresi (TIPTEKNO'17), Trabzon, Turkey, 12 - 14 October 2017, pp.1-4
- III. **Staging of the liver fibrosis from CT images using texture features**
KAYAALTI Ö., AKSEBZECİ B. H. , Karahan I. Ö. , DENİZ K., Öztürk M., YILMAZ B., Kara S., ASYALI M. H.
2012 7th International Symposium on Health Informatics and Bioinformatics, HIBIT 2012, Cappadocia, Turkey, 19 - 22 April 2012, pp.47-52
- IV. **Texture analysis of liver cirrhosis Karaciğer sirozunun doku analizi**
Kayaalti Ö., Aksebzeci B. H. , Asyali M. H. , KARAHAN Ö. İ. , DENİZ K., Öztürk M.
2010 15th National Biomedical Engineering Meeting, BIYOMUT2010, Antalya, Turkey, 21 - 24 April 2010

Scientific Refereeing

Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SİU 2020), Conference Paper (Full Text), October 2020
Gazi Üniversitesi Fen Bilimleri Dergisi Part: C Tasarım ve Teknoloji, National Scientific Refreed Journal, August 2020
Niğde Üniversitesi Mühendislik Bilimleri Dergisi, National Scientific Refreed Journal, November 2019
Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SİU 2019), Conference Paper (Full Text), April 2019
Gazi Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, National Scientific Refreed Journal, February 2018

Edit Congress and Symposium Activities

Tıp Teknolojileri Kongresi (TIPTEKNO'17), Attendee, Trabzon, Turkey, 2017

Citations

Total Citations (WOS):50
h-index (WOS):4