

Res. Asst. ALİ BERKAN URAL

Personal Information

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Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Turkey 2016 - Continues

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), Turkey 2014 - 2015

Undergraduate, Tobb University Of Economics And Technology, Faculty Of Engineering, Department Of Electrical And Electronics Engineering, Turkey 2008 - 2012

Foreign Languages

English, C1 Advanced

Research Areas

Engineering and Technology

Academic Titles / Tasks

Research Assistant, Gazi University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2014 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Clinical and ethical perspective of neurosurgical care in patients from beyond the southern border of Turkey: challenges of patients in war**
Özışık P., Özden K. M., Ural A. B., Er U., Savaş A.
Journal Of Public Health, vol.10, pp.1-10, 2021 (SCI-Expanded)
- II. **An improved computer based diagnosis system for early detection of abnormal lesions in the brain tissues with using magnetic resonance and computerized tomography images**
Ural B., Ozisik P., HARDALAÇ F.
MULTIMEDIA TOOLS AND APPLICATIONS, vol.79, pp.15613-15634, 2020 (SCI-Expanded)
- III. **A Computer-Based Brain Tumor Detection Approach with Advanced Image Processing and Probabilistic Neural Network Methods**
Ural B.
JOURNAL OF MEDICAL AND BIOLOGICAL ENGINEERING, vol.38, no.6, pp.867-879, 2018 (SCI-Expanded)
- IV. **Neonatal Jaundice Detection System**
AYDIN M., HARDALAÇ F., Ural B., Karap S.
JOURNAL OF MEDICAL SYSTEMS, vol.40, no.7, 2016 (SCI-Expanded)
- V. **Gastric Cancer Regional Detection System**

Ural B., HARDALAÇ F., SERHATLIOĞLU S., İLHAN M. N.
JOURNAL OF MEDICAL SYSTEMS, vol.40, no.1, 2016 (SCI-Expanded)

VI. **OBJECT RECOGNITION WITH SIFT AND MI-SIFT METHODS**

Hardalaç F., Orman A., Ural A. B., Eren A.

Journal Of The Faculty Of Engineering And Architecture Of Gazi University, vol.3, no.1, pp.15-25, 2015 (SCI-Expanded)

Articles Published in Other Journals

I. **Artificial intelligence-based classification with classical Turkish music makams: Possibilities to Turkish music education**

KAYIŞ M., HARDALAÇ N., URAL A. B., HARDALAÇ F.

African Educational Research Journal, vol.9, no.2, pp.570-580, 2021 (Peer-Reviewed Journal)

II. **A novel approach for hepatocellular carcinoma detection with region merging segmentation method**

KOÇ M., HARDALAÇ F., URAL A. B.

Medicine Science, vol.10, no.1, pp.169-173, 2021 (Peer-Reviewed Journal)

III. **Comparing Musical Perception Between Fetals and Neonatals In Quiet Environment and Alpha Music Environment**

HARDALAÇ N., URAL A. B., KAVAK S. B.

International Journal of Advanced Research, vol.4, no.3, pp.1684-1696, 2016 (Peer-Reviewed Journal)

IV. **ANALYZING ATHLETES AUDIO AND VISUAL REACTION PERCEPTIONS IN THE SILENT SLOW AND PACED ENVIRONMENTS**

HARDALAÇ N., URAL A. B.

International Journal of Academic Research, vol.7, pp.131-135, 2015 (Peer-Reviewed Journal)

V. **COMPARING ATHLETES AUDIO VISUAL REACTION PERCEPTION AND RHYTHMIC PERCEPTION**

HARDALAÇ N., URAL A. B.

International Journal of Advanced Research, vol.3, no.7, pp.618-627, 2015 (Peer-Reviewed Journal)

VI. **Cognitive Process Analysis with Turkish Mocal Musics**

HARDALAÇ N., URAL A. B., KUTBAY U., ÖZÇELİK S.

Journal of Education and Sociology, vol.6, no.1, pp.149-171, 2015 (Peer-Reviewed Journal)

Books & Book Chapters

I. **Mühendisler İçin Matlab'ın Temelleri ve Mühendislik Matematiği Uygulamaları**

URAL A. B., YÜKSEK M.

Nobel, Ankara, 2017

II. **Non Invasive Applications to Detect Gastric Cancer and Brain Tumor**

URAL A. B., HARDALAÇ F., İLHAN M. N., SERHATLIOĞLU S., KUTBAY U., KOÇ M.

Lambert Academic Publishing, Saarbrücken, 2015

Refereed Congress / Symposium Publications in Proceedings

I. **Deep Computerized Assessment on Chest CTs of COVID-19 Patients**

URAL A. B., HARDALAÇ F., ÖZİŞİK P.

IEEE EMBS Conference on Biomedical Engineering and Sciences, Langkawi, Malaysia, 01 January 2021

II. **Computer Aided Identification and Scoring Algorithm for Stroke (Brain Crisis) Types**

URAL A. B., ÖZİŞİK P., HARDALAÇ F.

10th International Conference of Strategic Research on Scientific Studies and Education (ICoSReSSE), Roma, Italy,

14 June 2019

III. An Expert Automated Preliminary Diagnostic System for Identifying Brain Tumors' Features and Types

URAL A. B., YÜKSEK M.

International MICCAI BraTS Challenge, Canada, 16 April 2017

IV. A Computer Aided Brain Tumor Detection Approach with Learning Vector Quantization Method

URAL A. B.

CLYTO Access International Conference on Cancer Care and Cure, Dubai, Dubai, United Arab Emirates, 18 December 2016

V. K MEANS Algoritması Kullanılarak Yeraltı Profiline Kümelendirilmesi

Kutbay U., Ural A. B., Hardalaç F.

IEEE SIU-2015: Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Malatya, Turkey, 16 - 19 May 2015, vol.1, pp.467-470

VI. Underground Electrical Profile Clustering Using K-MEANS Algorithm

KUTBAY U., URAL A. B., HARDALAÇ F.

23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.561-564

Metrics

Publication: 20

Citation (WoS): 32

Citation (Scopus): 41

H-Index (WoS): 3

H-Index (Scopus): 3