

Res. Asst. HAKAN AKTAŞ

Personal Information

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Education Information

Doctorate, Akdeniz University, Institute of Science, Elektrik-Elektronik Mühendisliği, Turkey 2015 - Continues

Postgraduate, Akdeniz University, Institute of Science, Elektrik-Elektronik Mühendisliği, Turkey 2012 - 2015

Undergraduate, Istanbul University, Mühendislik Fakültesi , Elektrik-Elektronik Mühendisliği, Turkey 2004 - 2008

Foreign Languages

English, B2 Upper Intermediate

German, B1 Intermediate

Certificates, Courses and Trainings

Education Management and Planning, FPGA Visual Applet Designer, Silicon Software, 2014

Education Management and Planning, FPGA Designer, Fraunhofer IIS, Image Transferring, 2013

Research Areas

Computer Sciences, algorithms, Parallel Algorithms, Information Security and Reliability, Cryptography, Equipment, Logic Design, Artificial Intelligence, Computer Learning and Pattern Recognition, Pattern Recognition and Image Processing, Neural Networks, Electrical and Electronics Engineering, Electronic, Electronic Circuits, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Akdeniz University, Fen Bilimleri, Jeoloji Mühendisliği, 2012 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Landslide susceptibility mapping using an automatic sampling algorithm based on two level random sampling**
AKTAŞ H., SAN B. T.
COMPUTERS & GEOSCIENCES, vol.133, 2019 (SCI-Expanded)

Articles Published in Other Journals

- I. **PREDICTION OF BODYWEIGHT OF HOLSTEIN AND BROWN-SWISS MALE CATTLE BY USING DIGITAL IMAGES**
Bozkurt Y., MİKAİL N., ULUŞAR Ü. D., AKTAŞ H., Dogan C.
SCIENTIFIC PAPERS-SERIES D-ANIMAL SCIENCE, vol.60, pp.196-201, 2017 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Derin Öğrenme ile Tohumların Sınıflandırılmasında Renk ve Kenar Bilgisinin Etkisi**
AKTAŞ H., POLAT Ö.
6. Ulusal Yüksek Başarımlı Hesaplama Konferansı, Ankara, Turkey, 8 - 09 October 2020, pp.1-5
- II. **Derin Öğrenme ile Tohumların Sınıflandırılmasında Renk ve Kenar Bilgisinin Etkisi**
AKTAŞ H., POLAT Ö.
6. Ulusal Yüksek Başarımlı Hesaplama Konferansı, Ankara, Turkey, 8 - 09 October 2020, pp.1-5
- III. **Prediction of Bodyweight of Holstein and Brown-Swiss Male Cattle By Using Digital Images.**
BOZKURT Y., MİKAİL N., ULUŞAR Ü. D., AKTAŞ H., DOĞAN C.
International Conference Agriculture for Life, Life for Agriculture, Romania, 8 - 10 June 2017, pp.59
- IV. **İki Aşamalı Şablon Eşleştirme Algoritması ve Yüksek Hızlı FPGA Gerçeklemesi**
AKTAŞ H., SEVER R., TÖREYİN B. U.
SİU 2015 – Malatya, Malatya, Turkey, 16 - 19 May 2015, pp.1-4
- V. **A Two Stage Template Matching Algorithm and Its Implementation on FPGA**
AKTAŞ H., Sever R., TÖREYİN B. U.
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.2214-2217
- VI. **A Fast Implementation of the Extended Kalman Filter on FPGA for UAV Applications**
AKTAŞ H., SEVER R.
4th International Conference on Materials Engineering for Advanced Technologies (ICMEAT), London, Canada, 27 - 28 June 2015, pp.602-605

Supported Projects

POLAT Ö., AKTAŞ H., Project Supported by Higher Education Institutions, Endüstriyel Uygulamaların Derin Öğrenme İle Yüksek Hızlarda Gerçeklenmesi İçin Optimize Edilmiş Ağ Yapılarının Geliştirilmesi, 2019 - 2021
AKTAŞ H., TUBITAK Project, TOHUM SAYMA MAKİNESİ, 2014 - 2014

Scientific Refereeing

Electronics Letters, SCI Journal, September 2020
Electronics Letters, SCI Journal, August 2020
Electronics Letters, SCI Journal, October 2019
IET Image Processing, SCI Journal, September 2019
IET Image Processing, SCI Journal, September 2019
Electronics Letters, SCI Journal, August 2019
IET Image Processing, SCI Journal, August 2019
Electronics Letters, SCI Journal, August 2019
Electronics Letters, SCI Journal, July 2019
IET Image Processing, SCI Journal, June 2019
Electronics Letters, SCI Journal, January 2019
IET Image Processing, SCI Journal, January 2019

IET Image Processing, SCI Journal, November 2018

Electronics Letters, SCI Journal, October 2018

IET Image Processing, SCI Journal, August 2018

Metrics

Publication: 8

Citation (WoS): 6

Citation (Scopus): 18

H-Index (WoS): 2

H-Index (Scopus): 2

Scholarships

2214-A Yurt Dışı Doktora Sırası Araştırma Burs Programı, TUBİTAK, 2020 - Continues

2211-C Yurt İçi Öncelikli Alanlar Doktora Bursu, TUBİTAK, 2019 - Continues

Awards

AKTAŞ H., ISIF'20 Bronz Madalya, Türk Patent, September 2020

AKTAŞ H., Silikon Vadisi Seyahat Ödülü, TEB-TİM Ortaklığı, April 2018

AKTAŞ H., ATSO 2017 Ürün İnovasyon Ödülü, ATSO, September 2017