

Res. Asst. HASAN ULUTAŞ

Personal Information

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Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (Dr), Turkey 2015 - Continues
Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (YI) (Tezli), Turkey 2012 - 2015
Undergraduate, Erciyes University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey 2007 - 2012

Dissertations

Postgraduate, Aktif ve pasif RFID'ler kullanılarak hastanelerde yenidoğan bebekler için güvenlik sistemi, Erciyes University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (YI) (Tezli), 2015

Research Areas

Computer Vision, Computer Learning, Pattern Recognition and Image Processing, Neural Networks, Software Engineering

Academic Titles / Tasks

Research Assistant, Yozgat Bozok University, Mühendislik-Mimarlık Fakültesi, Bilgisayar Mühendisliği, 2014 - Continues

Articles Published in Other Journals

- I. **A deep learning approach for detecting pneumonia in chest X-rays**
ŞAHİN M. E. , ULUTAŞ H., YÜCE E.
European Journal of Science and Technology, vol.28, pp.562-567, 2021 (Refereed Journals of Other Institutions)
- II. **Internet of Things Technology Based Agricultural Spraying Drone Design for Remote Farming Applications**
ALTIN C., ULUTAŞ H., ORHAN E., ER O., AKDOĞAN V.
Celal Bayar Üniversitesi Fen Bilimleri Dergisi, vol.17, no.3, pp.253-260, 2021 (Refereed Journals of Other Institutions)
- III. **Multi-Focus Image Fusion Based on Shearlet Transform Using Genetic Algorithm. Electronic Letters on ScienceEngineering**
AKBULUT H., ASLANTAŞ V., ULUTAŞ H.
Electronic Letters on Science Engineering, vol.13, no.3, pp.10-16, 2017 (Refereed Journals of Other Institutions)
- IV. **Visible Image Watermarking Based on Image Fusion with Shearlet Transform Using Genetic Algorithm**
AKBULUT H., ASLANTAŞ V., ULUTAŞ H.
Electronic Letters on Science Engineering, vol.13, no.3, pp.1-9, 2017 (Refereed Journals of Other Institutions)

V. Development and Application of RFID Security System for Newborns in Hospitals

ULUTAŞ H., ASLANTAŞ V., AKBULUT H.

Electronic Letters on Science Engineering, vol.13, no.3, pp.17-30, 2017 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **Multi-Exposure Image Fusion Using Grey Wolf Optimization Algorithm**
AKBULUT H., ASLANTAŞ V., ULUTAŞ H.
Nazim Hüseyinli-65 Uluslararası İlmî Araştırmalar Kongresi, Baku, Azerbaijan, 30 April 2021, pp.107-108
- II. **Ateş Böceği Optimizasyon Algoritması Kullanarak Blok Seçmeye Dayalı Çoklu-Odaklı Görüntü Birleştirme**
AKBULUT H., ASLANTAŞ V., ULUTAŞ H.
3rd International Congress on Vocational and Technical Sciences (UMTEB-3), 21 - 22 June 2018
- III. **Bozkurt Optimizasyon Algoritması Kullanarak Shearlet Dönüşümü İle Görüntü Kaynaştırma Tabanlı Görünür Görüntü Damgalama**
AKBULUT H., ASLANTAŞ V., ULUTAŞ H.
3rd International Congress on Vocational and Technical Sciences (UMTEB-3), Gaziantep, Turkey, 21 June 2018, pp.491
- IV. **RFID Security System for Newborns in Hospitals**
ULUTAŞ H., ASLANTAŞ V., AKBULUT H.
INTERNATIONAL ADVANCED RESEARCHES ENGINEERING CONGRESS 2017, Osmaniye, Turkey, 16 - 18 November 2017, pp.1368-1372
- V. **Visible Image Watermarking Based on Image Fusion with Shearlet Transform Using Differential Evolution Algorithm**
AKBULUT H., ASLANTAŞ V., ULUTAŞ H.
INTERNATIONAL ADVANCED RESEARCHES ENGINEERING CONGRESS 2017, Osmaniye, Turkey, 16 - 18 November 2017, pp.1392
- VI. **Multi Focus Image Fusion Based On Shearlet Transform Using Genetic Algorithm**
AKBULUT H., ASLANTAŞ V., ULUTAŞ H.
INTERNATIONAL ADVANCED RESEARCHES ENGINEERING CONGRESS 2017, Osmaniye, Turkey, 16 - 18 November 2017, pp.1393
- VII. **Multi-Focus Image Fusion Based on Discrete Wavelet Transform Using Particle Swarm Optimization Algorithm**
AKBULUT H., ASLANTAŞ V., ULUTAŞ H.
INTERNATIONAL ADVANCED RESEARCHES ENGINEERING CONGRESS 2017, Osmaniye, Turkey, 16 - 18 November 2017, pp.1391
- VIII. **Multi-Focus Image Fusion Based on Discrete Wavelet Transform Using Firefly Optimization Algorithm**
ASLANTAŞ V., AKBULUT H., ULUTAŞ H.
Sixth Bozok Science Workshop: Studies from Nuclei to Nanomaterials with Applications, Yozgat, Turkey, 23 - 25 August 2017, vol.13, pp.54-55

Supported Projects

Ulutaş H., Er O., Akdoğan V., Ölmez E., Korkmaz M., Project Supported by Higher Education Institutions, Üç boyutlu görüntü işleme tekniği ile menisküs saptama ve hastalık tespiti, 2018 - 2019

Ulutaş H., Yıldız A. K. , Altın C., Project Supported by Higher Education Institutions, Hassas Arıcılıkta Kullanılması Amacıyla Elektronik Veri Toplama Özellikli Kovan Sisteminin Geliştirilmesi, 2017 - 2019

Yıldız A. K. , Ermetin O., Tüfekci H., Ulutaş H., Project Supported by Higher Education Institutions, Yozgat İlindeki

Akkaraman Irkı Koyun Sürülerinin Sürü Yapı ve Davranış Özelliklerinin Uzaktan Algılama Yöntemiyle Belirlenmesi ve Mera Kullanımına Etkisinin İncelenmesi, 2017 - 2019

Ulutaş H., Güngör Ulutaş E., KOSGEB, RFID İle Bebek Takip, 2014 - 2016

Ulutaş H., Güngör Ulutaş E., KOSGEB, RFID ile Bebek Takip, 2012 - 2014

Activities in Scientific Journals

Electronic Letters on Science and Engineering, Technical Redactor, 2017 - Continues

Scientific Refereeing

SAKARYA UNİVERSİTY JOURNAL OF COMPUTER AND INFORMATION SCIENCES (ONLINE), National Scientific Refreed Journal, August 2020

Non Academic Experience

Company, Heysem Yazılım Bilgi Teknolojileri Tur. San. Tic. LTD. ŞTİ, Yazılım Geliştirme