

Lect. PhD HARUN AKBULUT

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Erciyes University, Mühendislik Fakültesi, Turkey 2016 - 2023

Postgraduate, Kirikkale University, Faculty Of Engineering, Department Of Computer Engineering, Turkey 2011 - 2013

Undergraduate, Hacettepe University, Eğitim Fakültesi, Bilgisayar Ve Öğretim Teknolojileri Eğitimi Bölümü, Turkey 2002 - 2007

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, Çoklu-pozlamalı görüntü birleştirme için yeni yöntemler, Erciyes University, Mühendislik Fakültesi, 2023

Postgraduate, Yapay zekâ teknikleri ile hastaların koroner anjiyografi gerekliliğinin tahmini, Kirikkale University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2013

Research Areas

algorithms, Computer Vision, Computer Vision, Artificial Intelligence, Computer Learning and Pattern Recognition, Software

Academic Titles / Tasks

Lecturer, Yozgat Bozok University, Boğazlıyan Meslek Yüksekokulu, Bilgisayar Teknolojileri, 2011 - Continues

Academic and Administrative Experience

Head of Department, Yozgat Bozok University, Boğazlıyan Meslek Yüksekokulu, Bilgisayar Teknolojileri, 2014 - 2016

Courses

GÖRSEL PROGRAMLAMA I, Associate Degree, 2019 - 2020, 2013 - 2014, 2012 - 2013, 2011 - 2012
VERİ TABANI I, Associate Degree, 2019 - 2020, 2017 - 2018, 2013 - 2014, 2012 - 2013, 2011 - 2012
PROGRAMLAMA TEMELLERİ, Associate Degree, 2019 - 2020, 2017 - 2018, 2013 - 2014, 2012 - 2013, 2011 - 2012
AĞ TEMELLERİ, Associate Degree, 2019 - 2020, 2013 - 2014, 2012 - 2013, 2011 - 2012
YAZILIM MİMARİLERİ, Associate Degree, 2019 - 2020
Görsel Programlama II, Associate Degree, 2017 - 2018, 2013 - 2014, 2012 - 2013, 2011 - 2012
Kalite ve Güvence Standartları, Associate Degree, 2017 - 2018
VERİ TABANI YÖNETİMİ I, Associate Degree, 2013 - 2014, 2012 - 2013, 2011 - 2012
ATATÜRK İLKE VE İNKILAPLARI, Associate Degree, 2013 - 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Multi-exposure image fusion using convolutional neural network** Evrişimli sinir ağı kullanarak çoklu-pozlamalı görüntü birleştirme
AKBULUT H., ASLANTAŞ V.
Journal of the Faculty of Engineering and Architecture of Gazi University, vol.38, no.3, pp.1439-1451, 2023 (SCI-Expanded)

Articles Published in Other Journals

- I. **Multi-Focus Image Fusion Based on Shearlet Transform Using Genetic Algorithm.** Electronic Letters on Science Engineering
AKBULUT H., ASLANTAŞ V., ULUTAŞ H.
Electronic Letters on Science Engineering, vol.13, no.3, pp.10-16, 2017 (Peer-Reviewed Journal)
- II. **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 (Peer-Reviewed Journal)
- III. **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 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Block-Based Multi-Exposure Image Fusion Using Genetic Algorithm**
AKBULUT H., ASLANTAŞ V.
3 TH INTERNATIONAL CONFERENCE ON APPLIED ENGINEERING AND NATURAL SCIENCES (ICAENS 2022), Konya, Turkey, 20 - 23 July 2022, pp.1927
- II. **Multi-Focus Image Fusion Based on Shearlet Transform Differential Evolution Algorithm**
AKBULUT H., YAŞ U.
3 TH INTERNATIONAL CONFERENCE ON APPLIED ENGINEERING AND NATURAL SCIENCES (ICAENS 2022), 20 - 23 July 2022
- III. **Multi-Exposure Image Fusion Using Grey Wolf Optimization Algorithm**
AKBULUT H., ASLANTAŞ V., ULUTAŞ H.
Nazim Hüseyinli-65 Uluslararası İlmi Araştırmalar Kongresi, Baku, Azerbaijan, 30 April 2021, pp.107-108
- IV. **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

V. 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

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. 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

VIII. 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

IX. 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

X. 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

XI. PREDICTION OF CORONARY ANGIOGRAPHY REQUIREMENT OF PATIENTS WITH FUZZY LOGIC AND LEARNING VECTOR QUANTIZATION

AKBULUT H., BARIŞCI N., Arinc H., Topal T., Luy M.

10th International Conference on Electronics, Computer and Computation (ICECCO), Ankara, Turkey, 7 - 09 November 2013, pp.1-4

Metrics

Publication: 15

Citation (WoS): 1

Citation (Scopus): 1

H-Index (WoS): 1

H-Index (Scopus): 1

Non Academic Experience

MİLLÎ EĞİTİM BAKANLIĞI