

Lect. HÜSEYİN HARMANCI

Personal Information

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International Researcher IDs

ScholarID: hDmCBZcAAAAJ

ORCID: 0000-0002-4780-0908

Publons / Web Of Science ResearcherID: AAL-3633-2021

ScopusID: 36552389900

Yoksis Researcher ID: 205665

Education Information

Doctorate, Yozgat Bozok University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Dr), Turkey 2021 - 2024
Undergraduate, Yozgat Bozok University, Faculty of Engineering-Architecture, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 2018 - 2021

Undergraduate, Yozgat Bozok University, Faculty of Engineering-Architecture, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 2017 - 2018

Doctorate, Selcuk University, Institute Of Science, Bilgisayar Mühendisliği (Dr), Turkey 2010 - 2018

Undergraduate, Anadolu University, Faculty Of Business Administration, Department Of Business, Turkey 2009 - 2010

Postgraduate, Selcuk University, Institute Of Science, Elektronik Ve Bilgisayar Sistemleri Eğitimi (YI) (Tezli), Turkey 2007 - 2010

Undergraduate, Selcuk University, Faculty Of Technical Education, Department Of Electronics And Computer Education, Turkey 2003 - 2007

Foreign Languages

English, B1 Intermediate

Dissertations

Postgraduate, Termal ayakkabı tasarımı ve prototip üretimi, Selcuk University, Fen Bilimleri Enstitüsü, Elektronik Ve Bilgisayar Sistemleri Eğitimi (YI) (Tezli), 2010

Research Areas

Computer Vision, Computer Learning, Pattern Recognition and Image Processing, Neural Networks, Electrical and Electronics Engineering, Electronic, Printed Circuits, Thin Film, Thick Film and Hybrid ICs, Sensing Devices and Transducers, Electronic Circuits

Academic Titles / Tasks

Lecturer, Yozgat Bozok University, Boğazlıyan Vocational School, Elektronik ve Otomasyon, 2017 - Continues
Research Assistant, Selcuk University, Faculty Of Technical Education, Department Of Electronics And Computer
Education, 2008 - 2016

Academic and Administrative Experience

Head of Department, Yozgat Bozok University, Boğazlıyan Vocational School, Elektronik ve Otomasyon, 2019 - Continues
Assistant Manager of Research and Application Center, Yozgat Bozok University, Distance Education Application and
Research Center, 2020 - 2024

Head of Department, Yozgat Bozok University, Rectorate, 2020 - 2021

Head of Department, Yozgat Bozok University, Rectorate, 2018 - 2019

Courses

Associate Degree

SENSÖRLER VE DÖNÜŞTÜRÜCÜLER, Associate Degree, 2020 - 2021

KONTROL SİSTEMLERİ, Associate Degree, 2020 - 2021

MİKRO DENETLEYİCİLER, Associate Degree, 2020 - 2021, 2018 - 2019

MESLEKİ YABANCI DİL I, Associate Degree, 2020 - 2021

PROGRAMLANABİLİR DENETLEYİCİLER, Associate Degree, 2020 - 2021, 2018 - 2019

BİLGİSAYAR DESTEKLİ ÇİZİM, Associate Degree, 2020 - 2021, 2018 - 2019

BİLGİSAYAR DESTEKLİ DEVRE TASARIMI, Associate Degree, 2020 - 2021

KUMANDA DEVRELERİ, Associate Degree, 2020 - 2021

ELEKTİRİK MOTORLARI VE SÜRÜCÜLERİ, Associate Degree, 2020 - 2021, 2018 - 2019

MESLEKİ MATEMATİK, Associate Degree, 2020 - 2021, 2017 - 2018

ALGORİTMA VE PROGRAMLAMA, Associate Degree, 2020 - 2021, 2019 - 2020, 2017 - 2018

ELEKTRONİK MESLEK BİLGİSİ VE GÜVENLİK, Associate Degree, 2020 - 2021

BİLGİ VE İLETİŞİM TEKNOLOJİSİ, Associate Degree, 2020 - 2021, 2017 - 2018

STAJ, Associate Degree, 2020 - 2021

DOĞRU AKIM VE DEVRE ANALİZİ, Associate Degree, 2019 - 2020, 2017 - 2018

ÖLÇME TEKNİĞİ, Associate Degree, 2019 - 2020

GENEL MATEMATİK 1, Associate Degree, 2019 - 2020

İLERİ MİKRO DENETLEYİCİLER, Associate Degree, 2018 - 2019

ELEKTRONİK II, Associate Degree, 2018 - 2019

ALTERNATİF AKIM DEVRE ANALİZİ, Associate Degree, 2017 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

I. Design of a Cervical Collar Device to Facilitate and Accelerate Implementation of First Aid

Isik H., Saracoglu E., Harmanci H., GÜLER İ.

JOURNAL OF MEDICAL SYSTEMS, vol.34, no.4, pp.573-578, 2010 (SCI-Expanded)

Papers Published in Refereed Scientific Meetings

I. Twitter Verilerinin Holland Meslek Kişiliği Yaklaşımı Işığında Rastgele Orman Algoritması ile Sınıflandırılması

DAĞIŞTANLI Ö., ERBAY H., HARMANCI H.

III. Uluslararası Teknik ve Mesleki Bilimler Kongresi, Gaziantep, Turkey, 21 - 22 June 2018, vol.6, pp.4065-4069

- II. **DALGACIK DÖNÜŞÜMÜ İLE ÖZELLİK ÇIKARIMI YAPILAN EEGSİNYALLERİNİN YAPAY ARI KOLONİSİ VE YAPAY SİNİR AĞLARININ HİBRİT ALGORİTMASI İLE SINIFLANDIRILMASI**
HARMANCI H., DAĞISTANLI Ö., ERBAY H.
III: Uluslararası Mesleki ve Teknik Bilimler Kongresi, Gaziantep, Turkey, 21 - 22 June 2018, vol.6, pp.4065-4069
- III. **Dalgacık Dönüşümü ile Özellik Çıkarımı Yapılan EEG Sinyallerinin Random Forest Algoritması ile Sınıflandırılması**
DAĞISTANLI Ö., ERBAY H., HARMANCI H.
3. Uluslararası Multiidisipliner Çalışmaları Kongresi, Adana, Turkey, 4 - 05 May 2018, pp.362
- IV. **SWARM INTELLIGENCE WEIGHTED MULTILAYER PERCEPTRON NEURAL NETWORK FOR DETECTION OF EPILEPTIC ACTIVITIES**
YILDIRIM S., HARMANCI H., EKMEKÇİ A. H., IŞIK H.
7th International Conference on Advanced Technologies, Antalya, Turkey, 28 April - 01 May 2018, pp.406-410
- V. **Forecasting Hourly Electricity Demand Using a Hybrid Method**
ÇEVİK H. H., HARMANCI H., ÇUNKAŞ M.
International Conference on Consumer Electronics and Devices (ICCED), London, Canada, 14 - 17 July 2017, pp.8-12
- VI. **Short-term Load Forecasting based on ABC and ANN for Smart Grids**
ÇEVİK H. H., HARMANCI H., ÇUNKAŞ M.
International Conference On Advanced Technology Sciences (ICAT' 16), Konya, Turkey, 1 - 03 September 2016, vol.4, pp.38-43
- VII. **Design And Implementation Of RFID Reader For Animal Tag**
HARMANCI H., IŞIK H.
48th The IIER International Conference, BARCELONA, Spain, 11 December 2015, pp.34-37

Supported Projects

Kılıç İ., Atar İ., Harmancı H., Mengeloğlu F., Project Supported by Higher Education Institutions, Kenevir Katkılı Termoplastik Filamentlerin Üretilmesi Üç Boyutlu Yazıcıda (3BY) Baskısı ve Karakterizasyonu, 2024 - 2026

Korkman N., Çavuş M., Metin M., Sezen Vekli G., Kanbur Çavuş H., Yıldız A. K., Kılıç T., Aydoğan Çoban G., Boz M. A., Tüfekçi H., et al., TUBITAK Project, Bozok'ta İklim Değişikliklerine Uyum: Bilim Ve Teknoloji Entegrasyonlu Uygulamalar 2, 2024 - 2025

Babaroğlu N., Hayıt T., Harmancı H., TUBITAK Project, Eurygaster spp. (Scutelleridae: Hemiptera)'nin Uzaktan Görüntüleme Sisteminin Geliştirilmesi ve Süne Tahmin Uyarı Sistemine Entegrasyonu, 2021 - 2024

HARMANCI H., Project Supported by Other Official Institutions, Enerji tasarruflu LED floresan tasarımı ve prototip üretimi, 2009 - 2010

Industrial Thesis Project, Termal Ayakkabı Tasarım ve Prototip Üretimi, 2007 - 2008

Metrics

Publication: 8
Citation (WoS): 3
Citation (Scopus): 7
H-Index (WoS): 1
H-Index (Scopus): 2

Non Academic Experience

Organized industrial Zone, Hakan KOMŞUOĞLU - KOMTEST MAKİNA, Ar-ge R&D, Technician

Organized industrial Zone, KONEL ELEKTRONİK VE DANIŞMANLIK HİZMETLERİ SAN. TİC. LTD. ŞTİ, Ar-ge R&D, KURUCU
ORTAK
Organized industrial Zone, Medikal 2000, R&D, Elektronik Ar-Ge Sorumlusu