

Asst. Prof. ÖNDER DEMİR

Personal Information

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Biography

Önder Demir received his Master's and Doctorate degrees in Electronics and Computer Education from Marmara University in 2006 and 2013, respectively. Between 2003 and 2013, he worked as a research assistant and lecturer. He worked as an Assistant Professor in the Department of Computer Engineering at the Faculty of Technology. He received the title of Associate Professor in Computer Science and Engineering in 2020. His research interests are cyber security, digital image processing, biomedical image processing and algorithms.

Education Information

Under Graduate, Namık Kemal Üniversitesi, Çorlu Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey 2013 - 2015

Doctorate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Elektronik Ve Bilgisayar Eğitimi (Dr), Turkey 2006 - 2013

Post Graduate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Bilgisayar-Kontrol Eğitimi (Y1) (Tezli), Turkey 2002 - 2006

Under Graduate, Marmara University, Faculty of Technical Education, Electronic and Computer Education, Turkey 1997 - 2002

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Akciğer Nodüllerinin Bilgisayar Destekli Tespiti, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Elektronik Ve Bilgisayar Eğitimi (Dr), 2013

Post Graduate, MATLAB GEREÇLERİ İLE GÖRÜNTÜ İŞLEME UYGULAMALARI, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar-Kontrol Eğitimi (Y1) (Tezli), 2006

Research Areas

algorithms, Information Security and Reliability, Computer Vision, Artificial Intelligence, Computer Learning and Pattern Recognition, Software, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Marmara University, Faculty Of Technology, Computer Engineering, 2020 - Continues

Assistant Professor, Marmara University, Faculty of Technology, Computer Engineering, 2017 - Continues

Lecturer PhD, Marmara University, Faculty of Technology, Computer Engineering, 2015 - 2017

Research Assistant, Marmara University, Faculty of Technical Education, Electronic and Computer Education, 2002 - 2015

Professional Experience

Fakülte Kurulu Üyesi, Marmara University, Faculty Of Technology, Computer Engineering, 2020 - Continues

Fakülte Yönetim Kurulu Üyesi, Marmara University, Faculty Of Technology, 2018 - Continues

Head of Department, Marmara University, Faculty of Technology, Computer Engineering, 2018 - Continues

Deputy Head of Department, Marmara University, Faculty of Technology, Computer Engineering, 2015 - 2019

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Tactile paving surface detection with deep learning methods**
AKTAŞ A., DOĞAN B., DEMİR Ö.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.35, no.652101, pp.1685-1700, 2020 (Journal Indexed in SCI)
- II. **Increasing the Performance of Machine Learning-Based IDSs on an Imbalanced and Up-to-Date Dataset**
Karatas G., DEMİR Ö., ŞAHİNGÖZ Ö. K.
IEEE ACCESS, vol.8, pp.32150-32162, 2020 (Journal Indexed in SCI)
- III. **Machine learning based phishing detection from URLs**
ŞAHİNGÖZ Ö. K. , Buber E., DEMİR Ö., DİRİ B.
EXPERT SYSTEMS WITH APPLICATIONS, vol.117, pp.345-357, 2019 (Journal Indexed in SCI)
- IV. **Sharing Location Information in Multi-UAV Systems by Common Channel Multi-Token Circulation Method in FANETs**
ÜLKÜ E. E. , DOĞAN B., DEMİR Ö., Bekmezci I.
ELEKTRONIKA IR ELEKTROTEHNIKA, vol.25, pp.66-71, 2019 (Journal Indexed in SCI)
- V. **Applying social networks to engineering education**
DOĞAN B., DEMİR Ö., ÜLKÜ E. E.
COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, vol.26, pp.1782-1791, 2018 (Journal Indexed in SCI)
- VI. **Computer Aided Detection of Dental Implant Crown Defects**
Bocekci V. G. , Demir Ö.
ACTA PHYSICA POLONICA A, vol.134, pp.422-425, 2018 (Journal Indexed in SCI)
- VII. **Investigation of Image Analysis in the Characterization of Electrospun Polycaprolactone/Graphene Oxide/Fe₃O₄ Nanocomposites**
Demir Ö., Bocekci V. G. , Gunduz O.
ACTA PHYSICA POLONICA A, vol.134, pp.419-421, 2018 (Journal Indexed in SCI)
- VIII. **Computer-aided detection of lung nodules using outer surface features**
DEMİR Ö., ÇAMURCU A. Y.
BIO-MEDICAL MATERIALS AND ENGINEERING, vol.26, 2015 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Türkçe Metinlerde Sözlük Tabanlı Yaklaşım ile Duygu Analizi Ve Görselleştirme**
DEMİR Ö., Chawai A. I. B. , DOĞAN B.
Marmara University, vol.1, pp.14-22, 2019 (Refereed Journals of Other Institutions)
- II. **Doğal Dil İşleme Uygulamaları İçin Türkçe Veri Seti Oluşturulması**
ŞAHİN T., DEMİR Ö., YILDIZ K.
International Periodical of Recent Technologies in Applied Engineering, vol.1, pp.51-57, 2019 (Other Refereed National Journals)
- III. **Automatic Detection And Calculation Of Drusen Areas In Retinal Fundus Fluorescein Angiography Images**
DEMİR Ö., DOĞAN B., ÇALIK BAYAZIT E., YILDIZ K.
Marmara Fen Bilimleri Dergisi, vol.30, pp.137-144, 2018 (Other Refereed National Journals)
- IV. **Sigortacılık Sektöründe Müşteri İlişki Yönetimi İçin Kümeleme Analizi.**
DOĞAN B., DEMİR Ö., BULDU A., EROL B.
Karaelmas Fen ve Mühendislik Dergisi, vol.8, pp.11-18, 2018 (Other Refereed National Journals)

- V. **AN ANALYSIS OF THE SELF EFFICACY ABOUT COMPUTER PROGRAMMING OF THE ELECTRICAL-ELECTRONICS AND TEXTILE ENGINEERING STUDENTS IN TECHNOLOGY FACULTY**
ÜLKÜ E. E. , DOĞAN B., DEMİR Ö., YILDIZ K.
Journal of Educational Instructional Studies in the World, vol.7, pp.79-84, 2017
(Refereed Journals of Other Institutions)
- VI. **Data collection from blood glucose meter and determination anomaly**
BULDU A., YILDIZ K., ÜLKÜ E. E. , DEMİR Ö., KURGAN U.
Karaelmas Fen ve Mühendislik Dergisi, 2017 (Refereed Journals of Other Institutions)
- VII. **Unsupervised Image Segmentation Using Textural Features , Vol. 5, No. 3, pp. 112-115, September 2017. doi: 10.18178/ijsp.5.3.112-115**
DEMİR Ö., DOĞAN B.
International Journal of Signal Processing Systems, vol.5, pp.112-115, 2017 (Refereed Journals of Other Institutions)
- VIII. **Mühendislik Eğitiminde Edmodo Çevrimiçi Sosyal Ağ Ortamının Kullanımına. İlişkin Öğrenci Görüşleri**
Doğan B., Demir Ö., Bal A., Ülkü E. E.
Eğitim ve Öğretim Araştırmaları Dergisi, vol.6, pp.328-335, 2017 (Other Refereed National Journals)
- IX. **Fault detection of fabrics using image processing methods**
YILDIZ K., DEMİR Ö., ÜLKÜ E. E.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-
PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.23,
pp.841-844, 2017 (Journal Indexed in ESCI)
- X. **COMPUTER AIDED DETECTION OF BRAIN TUMORS USING MORPHOLOGICAL RECONSTRUCTION**
DOĞAN B., KAZDAL ÇALIK S., DEMİR Ö.
Uludağ University Journal of The Faculty of Engineering, pp.257-268, 2016 (Other Refereed National Journals)

Books & Book Chapters

- I. **Knowledge Management Strategies for Higher Education**
Çalış B., Doğan B., Yıldız K., Baş A., Demir Ö., Ülkü E. E.
in: Enhancing Academic Research and Higher Education With Knowledge Management Principles, Suzanne Zyngier, Editor, IGI GLOBAL, Sydney, pp.1-10, 2021

Refereed Congress / Symposium Publications in Proceedings

- I. **Creating Cover Photos For Movies And Tv Series With Convolutional Neural Network**
ÇAKAR M., YILDIZ K., DEMİR Ö.
ASYU - Akıllı Sistemlerde Yenilikler ve Uygulamaları 2020, İstanbul, Turkey, 15 - 17 October 2020
- II. **Computer Vision Based Intelligent 3D CNC Machines**
DEMİR E., YILDIZ K., DEMİR Ö., ÜLKÜ E. E.
ASYU - Akıllı Sistemlerde Yenilikler ve Uygulamaları 2020, İstanbul, Turkey, 15 - 17 October 2020
- III. **Analysis of Patents In Cyber Security using Text Mining**
Işık Özata H., DEMİR Ö., DOĞAN B.
12th International Conference on Computer Science and Information Technology, 18 - 20 December 2019

- IV. **Analysis Of Images Obtained By Unmanned Aerial Vehicle By Deep Learning Methods**
Kutlu Ö., Demir Ö., Doğan B.
1. Uluslararası Bilişim ve Yazılım Mühendisliği Konferansı, Ankara, Turkey, 6 - 07 November 2019, pp.1-4
- V. **Classification of Lung Nodules Using Textural Features**
DEMİR Ö., ÇAMURCU A. Y.
3rd International Symposium on Multidisciplinary Studies and Innovative Technologies - ISMSIT 2019, 11 - 13 October 2019
- VI. **CIELAB Renk Uzayı Kullanılarak Mide Kanseri Tespiti**
YENGINER H., DEMİR Ö.
Tıp Teknolojileri Kongresi - TIPTEKNO 2019, Turkey, 3 - 05 October 2019
- VII. **A Deep Learning Based Intrusion Detection System on GPUs**
KARATAŞ G., DEMİR Ö., ŞAHİNGÖZ Ö. K.
International Conference on Electronics, Computers and Artificial Intelligence- ECAI 2019, 27 - 29 June 2019
- VIII. **Deep Learning in Intrusion Detection Systems**
Karatas G., DEMİR Ö., ŞAHİNGÖZ Ö. K.
International Congress on Big Data, Deep Learning and Fighting Cyber Terrorism (IBIGDELFT), Ankara, Turkey, 3 - 04 December 2018, pp.113-116
- IX. **Computer-Aided Detection of Polyps in CT Colonography Using Regional Textural Features**
DEMİR Ö.
11th International Conference on Trends in Science, Engineering, Technology Natural Resources (TSETWM-18), 2 - 04 October 2018
- X. **Sharing Location Information in Multi-UAV Systems by Common Channel Multi-token Circulation Method in FANETs**
ÜLKÜ E. E. , DOĞAN B., DEMİR Ö., BEKMEZCİ İ.
22nd International Conference ELECTRONICS 2018, Palang, Bangladesh, 18 - 20 June 2018
- XI. **Artırılmış Gerçeklik Teknolojisi İle Okul Öncesi Çocuklara Matematik Öğretimi**
DEMİR Ö., YILDIZ K., DOĞAN B.
Uluslararası Çocuk ve Bilgi Güvenliği Kongresi "Dijital Oyunlar", 11 - 13 April 2018
- XII. **Artırılmış Gerçeklik Teknolojisi İle Okul Öncesi Çocuklara Matematik Öğretimi**
DEMİR Ö., BAL A., YILDIZ K., DOĞAN B.
Uluslararası Çocuk ve Bilgi Güvenliği Kongresi "Dijital Oyunlar", 11 - 13 April 2018
- XIII. **Görüntülerden Yaya Tespitinin Yönlü Gradyan Histogramı Temelli Bir Yöntem ile Gerçekleştirilmesi**
DEMİR Ö., YILDIZ K., ÜLKÜ E. E. , BAL A.
1. Uluslararası Türk Dünyası Mühendislik ve Fen Bilimleri Kongresi, 7 - 10 December 2017
- XIV. **Morfolojik İşlemlerle Trafik İşareti Tespiti**
DEMİR Ö., DOĞAN B., ÜLKÜ E. E. , BAL A.
1.ULUSLARARASI TÜRK DÜNYASI MÜHENDİSLİK VE FEN BİLİMLERİ KONGRESİ, Antalya, Turkey, 7 - 10 December 2017
- XV. **AN ANALYSIS OF THE SELF EFFICACY ABOUT COMPUTER PROGRAMMING OF THE ELECTRICAL-ELECTRONICS AND TEXTILE ENGINEERING STUDENTS IN TECHNOLOGY FACULTY**
ÜLKÜ E. E. , DOĞAN B., DEMİR Ö., YILDIZ K.

6th World Congress on Educational and Instructional Studies-WCEIS 2017, 26 - 28 October 2017

- XVI. **Feature Selections for the Machine Learning based Detection of Phishing**
Büber E., DEMİR Ö., ŞAHİNGÖZ Ö. K.
International Symposium on Artificial Intelligence and Data Processing (IDAP 2017),
16 - 17 September 2017
- XVII. **Unsupervised Image Segmentation Using Textural Features**
DEMİR Ö., DOĞAN B.
3rd International Conference on Signal Processing(ICOSP 2017), Floransa, Italy, 23 -
25 October 2017
- XVIII. **Feature Selections for the Machine Learning based Detection of Phishing Websites**
Buber E., DEMİR Ö., Sahingoz O. K.
2017 International Artificial Intelligence and Data Processing Symposium (IDAP),
Malatya, Turkey, 16 - 17 September 2017
- XIX. **Investigation of image analysis in the Characterization of electrospun polycaprolactone/graphene oxide/Fe₃O₄ nanocomposites**
DEMİR Ö., BÖCEKÇİ V. G. , GÜNDÜZ O.
3. international symposium on biomaterials biosensors, 22 - 26 April 2017
- XX. **Mamografi Görüntülerinden Kitle Tespiti Amacıyla Öznitelik Çıkarımı**
Chawai A. I. B. , DEMİR Ö.
2. Ulusal Biyomedikal Cihaz Tasarımı ve Üretimi Sempozyumu (UBİCTUS 2017),
İstanbul, Turkey, 16 May 2017, vol.1, pp.33-36
- XXI. **Mühendislik Eğitiminde Edmodo Çevrimiçi Sosyal Ağ Ortamının Kullanımına. İlişkin Öğrenci Görüşleri**
DOĞAN B., DEMİR Ö., BAL A., ÜLKÜ E. E.
2'nci Yaşam Boyu Eğitim Dünya Kongres, 14 - 15 April 2017
- XXII. **Computer Aided Detection Of Dental Implant Crown Defects**
BÖCEKÇİ V. G. , DEMİR Ö.
2nd International Symposium on Biomaterials Biosensors (BIOMATSEN 2016),
İstanbul, Turkey, 1 - 03 June 2016
- XXIII. **Computer aided detection of dental implant crown defeacts**
BÖCEKÇİ V. G. , DEMİR Ö.
2nd International Symposium on Biomedical, Biosensors, 1 - 03 June 2016
- XXIV. **An Android Application for Teaching Android Operating System**
Acar A., kubilay t., BULDU A., YILDIZ K., DEMİR Ö.
2nd International Conference on Electrical, Mechanical, computer and Mechatronics
Engineering(ICE 2015), 27 - 28 August 2015
- XXV. **An adroid application for teaching android operating system**
ACAR A., TASTUTAR K., BULDU A., YILDIZ K., DEMİR Ö.
2nd International Conference on Electrical, Computer, Mechanical and Mechatronics
Engineering (ICE2015), 28 - 30 August 2015
- XXVI. **Görüntü İşleme ile Lif Çapı Ölçümü**
ÜLKÜ E. E. , DEMİR Ö., YILDIZ K., YILDIZ Z.
Signal Processing and Communications Applications Conference (SIU), Turkey, 16 -
19 May 2015
- XXVII. **Determination of Yarn Twist Using Image Processing Techniques**
YILDIZ K., YILDIZ Z., DEMİR Ö., BULDU A.
International Conference on Image Processing, Prodcution and Computer Science,
İstanbul, Turkey, 3 - 04 June 2015, pp.83-88

- XXVIII. **Determination of Yarn Twist Using Image Processing Techniques International Conference on Image Processing**
YILDIZ K., DEMİR Ö., BULDU A., YILDIZ Z.
International Conference on Image Processing, Production and Computer Science (ICIPCS 2015), İstanbul, Turkey, 3 - 04 June 2015, vol.1
- XXIX. **Fiber Thickness Measurement Using Image processing**
Ulku E., DEMİR Ö., YILDIZ K., YILDIZ Z.
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.1166
- XXX. **Lung nodule detection using template matching and similarity measurement**
DEMİR Ö., ÇAMURCU A. Y.
2010 15th National Biomedical Engineering Meeting, Antalya, Turkey, 21 - 24 April 2010
- XXXI. **Robotik Eğitimi İçin Görsel Bir Arayüz**
DEMİR Ö., şafak c., TUNALI V., HACIBEYOĞLU E. P.
Ulusal Teknik Eğitim, Mühendislik, ve Eğitim Bilimleri Genç Araştırmacılar Sempozyumu, UMES2007, Kocaeli, Turkey, 20 - 22 June 2007, vol.1
- XXXII. **A Graphical User Interface for Gray Level Co-occurrence Matrix GLCM on Texture Analysis**
ÇELİK H. H. , DEMİR Ö.
International Conference on Modeling and Simulation (AMSE'06), Konya, Turkey, 28 - 30 August 2006, vol.1, pp.507-511
- XXXIII. **A Graphical User Interface for Gray Level Co-occurrence Matrix (GLCM) for Texture Analysis**
DEMİR Ö., ÇELİK H. H.
International Conference on Modeling and Simulation 2006, 28 - 30 August 2006, vol.1, pp.507-511
- XXXIV. **Görüntü İşleme Eğitimi İçin Bir Görsel Arayüz**
ÇELİK H. H. , DEMİR Ö.
1. Uluslararası Mesleki ve Teknik Eğitim Teknolojileri Kongresi, İstanbul, Turkey, 5 - 07 September 2005, vol.3, pp.766-771
- XXXV. **Görüntü işleme eğitimi için görsel arayüz**
DEMİR Ö., ÇELİK H. H.
1. Uluslararası Mesleki ve Teknik Eğitim Teknolojileri Kongresi, İstanbul, Turkey, 5 - 07 September 2005, vol.2, pp.766-771

Supported Projects

Çalış Uslu B., Demir Ö., Doğan B., Yıldız K., Baş A., Ülkü E. E. , Newton Programme Project, Location optimisation of underground and aboveground containers and development of a dynamic, intelligent and sustainable scheduling for solid waste collection in urban areas: A case study of Maltepe Municipality, 2020 - 2021

Demir Ö., Project Supported by Higher Education Institutions, Derin Öğrenme Yaklaşımı ile Bir Saldırı Tespit Sistemi Uygulaması, 2018 - 2020

Başpınar U., Ekren N., DEMİR Ö., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, 2016K121280 numaralı Biyomedikal Görüntüleme ve Tanı Sistemleri Geliştirme Altyapısı, 2015 - 2019

Yıldız K., Ülkü E. E. , Buldu A., Erdal H., Demir Ö., Doğan B., Bal A., Project Supported by Higher Education Institutions, Gömülü Sistemler Laboratuvarı ve Altyapı Projesi, 2017 - 2018
Buldu A., Doğan B., Yıldız K., Demir Ö., Bal A., Kaptan H., Ülkü E. E. , Project Supported by Higher Education Institutions, BİLGİSAYARLA GÖRME LABORATUVARI ARAŞTIRMA VE GELİŞTİRME ALTYAPI PROJESİ, 2015 - 2016

KAZIM YILDIZ

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Biography

Dr. Kazım YILDIZ was born in 1985 in Istanbul. He graduated from Tuzla Anatolian Vocational High School in 2003. He completed his undergraduate education in Marmara University Computer-Control Department between 2003-2007. In 2009, he started to work as a research assistant in Marmara University, Technical Education Faculty, Electronic Computer Education Department. In 2010, he completed his Master's Degree in Marmara University Computer-Control Education. In 2014, he completed his PhD in Marmara University, Institute of Science and Technology, Computer Control education. Between 2015 (October) - 2016 (October), He worked as a postdoctoral researcher at Georgia Institute of Technology School of Electrical and Computer Engineering in USA. In 2017, he graduated from Istanbul University, Faculty of Engineering, Department of Computer Engineering. Since 2015, he has been working at Marmara University, Faculty of Technology, Department of Computer Engineering. He received the title of Associate Professor in Computer Science and Engineering in 2020.

He is the co-supervisor of [Marmara University Vision Lab](#).

Learning Knowledge

Under Graduate 2015 - 2017	İstanbul Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey
Post Doctorate 2015 - 2016	Georgia Institute of Technology, School of Electric and Computer Engineering, Computer Engineering, United States Of America

Doctorate
2010 - 2014
Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Bilgisayar-Kontrol Eğitimi (Dr), Turkey

Post Graduate
2007 - 2010
Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Bilgisayar-Kontrol Eğitimi (Y1) (Tezli), Turkey

Under Graduate
2003 - 2007
Marmara University, Faculty of Technical Education, Electronic and Computer Education, Turkey

Foreign Languages

English, C2 Proficiency

Dissertations

Doctorate, Kumaş hatalarının ısı görüntüleme ve görüntü işleme teknikleri ile tespit edilmesi, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar-Kontrol Eğitimi (Dr), 2014

Post Graduate, Veri madenciliğinde yüksek boyutlu veriler ile uygulama, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar-Kontrol Eğitimi (Y1) (Tezli), 2010

Academic Titles / Tasks

Assistant Professor
2015 - Continues
Marmara University, Faculty of Technology, Computer Engineering

Research Assistant
2009 - 2014
Marmara University, Faculty of Technical Education, Electronic and Computer Education

Supported Projects

1. Çalış Uslu B., Demir Ö., Doğan B., Yıldız K., Baş A., Ülkü E. E. , Newton Programme Project, Location optimisation of underground and aboveground containers and development of a dynamic, intelligent and sustainable scheduling for solid waste collection in urban areas: A case study of Maltepe Municipality, 2020 - 2021
2. Yıldız K., Ülkü E. E. , Buldu A., Erdal H., Demir Ö., Doğan B., Bal A., Project Supported by Higher Education Institutions, Gömülü Sistemler Laboratuvarı ve Altyapı Projesi, 2017 - 2018
3. Buldu A., Doğan B., Yıldız K., Demir Ö., Bal A., Kaptan H., Ülkü E. E. , Project Supported by Higher Education Institutions, BİLGİSAYARLA GÖRME LABORATUVARI ARAŞTIRMA VE GELİŞTİRME ALTYAPI PROJESİ, 2015 - 2016
4. Yıldız K., Buldu A., Project Supported by Higher Education Institutions, KUMAŞ HATALARININ GÖRÜNTÜ İŞLEME VE VERİ MADENCİLİĞİ İLE TESPİT EDİLMESİ, 2010 - 2014

Awards

1. Yıldız K., UBYT - Yayın Teşvik Ödülü, Tübitak, August 2017
2. Yıldız K., UBYT - Yayın Teşvik Ödülü, Tübitak, July 2016

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

1. **Evaluation of nano-filler dispersion quality in polymeric films with binary feature characteristics and fractal analysis**
YILDIZ K., YILDIZ Z.
IET IMAGE PROCESSING, vol.14, pp.2006-2012, 2020 (Journal Indexed in SCI)
2. **Identification of wool and mohair fibres with texture feature extraction and deep learning**
YILDIZ K.
IET IMAGE PROCESSING, vol.14, pp.348-353, 2020 (Journal Indexed in SCI)
3. **Comparison of Dimension Reduction Techniques on High Dimensional Datasets**
YILDIZ K., Camurcu Y., DOĞAN B.
INTERNATIONAL ARAB JOURNAL OF INFORMATION TECHNOLOGY, vol.15, pp.256-262, 2018 (Journal Indexed in SCI)
4. **Dimensionality reduction-based feature extraction and classification on fleece fabric images**
YILDIZ K.
SIGNAL IMAGE AND VIDEO PROCESSING, vol.11, pp.317-323, 2017 (Journal Indexed in SCI)
5. **Investigation of Data Mining Processing Stage Effect on Performance in Interferometric Measurement System**
Bocekci V. G. , Yildiz K.
ACTA PHYSICA POLONICA A, vol.131, pp.46-47, 2017 (Journal Indexed in SCI)
6. **Elliptic curve coding technique application for digital signature**

YILDIZ K., BULDU A., Saritas H.

SECURITY AND COMMUNICATION NETWORKS, vol.9, pp.4242-4254, 2016 (Journal Indexed in SCI)

7. **A Circuit Design by Using an Infrared Sensor Transmitter and Pic16f628 to Measure the Pulse Rate of the Driver**
BULDU A., YILDIZ K.
MEASUREMENT & CONTROL, vol.49, pp.191-196, 2016 (Journal Indexed in SCI)
 8. **A thermal-based defect classification method in textile fabrics with K-nearest neighbor algorithm**
YILDIZ K., BULDU A., Demetgul M.
JOURNAL OF INDUSTRIAL TEXTILES, vol.45, pp.780-795, 2016 (Journal Indexed in SCI)
 9. **A novel thermal-based fabric defect detection technique**
YILDIZ K., BULDU A., Demetgul M., YILDIZ Z.
JOURNAL OF THE TEXTILE INSTITUTE, vol.106, pp.275-283, 2015 (Journal Indexed in SCI)
 10. **Fault diagnosis on material handling system using feature selection and data mining techniques**
Demetgul M., Yildiz K., Taskin S., Tansel I. N. , Yazicioglu O.
MEASUREMENT, vol.55, pp.15-24, 2014 (Journal Indexed in SCI)
 11. **A New Approach to the Determination of Warp-Weft Densities in Textile Fabrics by Using an Image Processing Technique**
YILDIZ K., Senyurek V. Y. , YILDIZ Z., ÖZEN M. S.
JOURNAL OF ENGINEERED FIBERS AND FABRICS, vol.9, pp.1-5, 2014 (Journal Indexed in SCI)
 12. **Developing a Security Software for Android-based Systems ("Secand")**
Karaduman O. C. , Kaygisiz S., BULDU A., YILDIZ K., Cetinol D.
ANTHROPOLOGIST, vol.17, pp.37-43, 2014 (Journal Indexed in SCI)
 13. **Use of Artificial Neural Networks for Modelling of Seam Strength and Elongation at Break FIBRES TEXTILES in Eastern Europe**
YILDIZ Z., DAL V., ÜNAL M., YILDIZ K.
FIBRES & TEXTILES in Eastern Europe, vol.5, pp.117-123, 2013 (Journal Indexed in SCI)
- Articles Published in Other Journals**
1. **An Application on Technology Dependence with C4**
KAÇMAZ A., YILDIZ K., BULDU A.
Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, vol.9, pp.1756-1765, 2020 (Other Refereed National Journals)
 2. **Doğal Dil İşleme Uygulamaları İçin Türkçe Veri Seti Oluşturulması**
ŞAHİN T., DEMİR Ö., YILDIZ K.
International Periodical of Recent Technologies in Applied Engineering, vol.1, pp.51-57, 2019 (Other Refereed National Journals)
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Computer Sciences, Engineering and Technology

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Doctorate, Marmara University, Faculty of Technical Education, Electric Education, Turkey 2005 - 2012

Post Graduate, Marmara University, Faculty of Technical Education, Electric Education, Turkey 2003 - 2005

Under Graduate, Marmara University, Faculty of Technical Education, Electronic and Computer Education, Turkey 1999 - 2003

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Video işleme yöntemi ile hassas yerdeğişimi tespiti, Marmara Üniversitesi, Teknik Eğitim Fakültesi, Elektrik Eğitimi Bölümü, 2012

Research Areas

Electrical and Electronics Engineering

Academic Titles / Tasks

Assistant Professor, Marmara University, Faculty Of Technology, Electrical And Electronics Engineering, 2014 - Continues

Research Assistant, Marmara University, Faculty of Technical Education, Electronic and Computer Education, 2005 - 2014

Professional Experience

Head of Department, Marmara University, Faculty of Technical Education, Electronic and Computer Education, 2015 - Continues

Head of Department, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Electronics-Computer Education, 2015 - Continues

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Marmara University, Faculty of Technology, Electrical and Electronics Engineering, 2016 - 2016

Deputy Head of Department, Marmara University, Faculty of Technology, Electrical and Electronics Engineering, 2015 - 2016

Courses

video işleme uygulamaları, Post Graduate, 2019 - 2020

Mikrodalga, Under Graduate, 2017 - 2018, 2018 - 2019

Power Electronics, Under Graduate, 2018 - 2019

Elektronik II, Under Graduate, 2016 - 2017, 2017 - 2018, 2018 - 2019

sinyaller ve sistemler, Under Graduate, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019

Fotonik, Post Graduate, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019

Optoelektronik, Under Graduate, 2016 - 2017, 2017 - 2018, 2018 - 2019

Elektronik I, Under Graduate, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020

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