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Education Information

Doctorate, Sakarya University, Fen Bilimleri Enstitüsü, Bilgisayar Ve Bilişim Mühendisliği (Dr), Turkey 2008 - 2015

Postgraduate, Fırat University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (YI) (Tezli), Turkey 2003 - 2005

Undergraduate, Fırat University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey 2000 - 2003

Dissertations

Doctorate, Mamogram görüntülerinden makine öğrenmesi yöntemleri ile meme kanseri teşhisi, Sakarya University, Fen Bilimleri Enstitüsü, Bilgisayar Ve Bilişim Mühendisliği (Dr), 2014

Postgraduate, WEB günlüğünden zaman sınırlı bulanık bağıntı kuralları ve sıralı örüntülerin çıkarılması, Fırat University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (YI) (Tezli), 2005

Academic Titles / Tasks

Assistant Professor, Ondokuz Mayıs University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2016 - Continues

Lecturer PhD, Ondokuz Mayıs University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2011 - Continues

Lecturer, Tokat Gaziosmanpaşa University, Tokat Meslek Yüksekokulu, Bilgisayar Teknolojileri Bölümü, 2004 - 2011

Courses

VERİ TABANI YÖNETİM SİSTEMLERİ, Undergraduate, 2019 - 2020, 2015 - 2016

Web Tasarımının Temelleri, Associate Degree, 2015 - 2016

Mobil Programlama, Associate Degree, 2015 - 2016

Web Teknolojileri, Undergraduate, 2015 - 2016

Yapay Zeka Ve Uzman Sistemleri, Undergraduate, 2014 - 2015

Web Programlama Lab, Undergraduate, 2014 - 2015

Mobil Programlama, Undergraduate, 2014 - 2015

Bilgisayar Programlama, Undergraduate, 2014 - 2015

Veri Tabanı Lab-II, Undergraduate, 2014 - 2015

Advising Theses

İsmail İ., Tiroid İnce İğne Aspirasyon Biyopsilerinde Papiller Tiroid Karsinom Nükleusların Derin Öğrenme ve Makine

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **COOT optimization algorithm on training artificial neural networks**
Ozden A., İşeri İ.
KNOWLEDGE AND INFORMATION SYSTEMS, vol.65, no.8, pp.3353-3383, 2023 (SCI-Expanded)
- II. **Counter Propagation Network Based Extreme Learning Machine**
KAYHAN G., İşeri İ.
NEURAL PROCESSING LETTERS, vol.55, no.1, pp.857-872, 2023 (SCI-Expanded)
- III. **Multilayer Perceptron Neural Network Approach to Estimate Chlorophyll Concentration Index of Lettuce (Lactuca sativa L.)**
ODABAŞ M. S., Simsek H., Lee C. W., İşeri İ.
COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, vol.48, no.2, pp.162-169, 2017 (SCI-Expanded)
- IV. **DEVELOPING A MODEL FOR ANALYSE FIRE SAFETY IN BUILDINGS ACCORDING TO NATIONAL FIRE PRECAUTION REGULATION**
BAŞDEMİR H., DEMİREL F., İşeri İ.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.27, no.4, pp.695-706, 2012 (SCI-Expanded)
- V. **A HOSPITAL PROJECT IN THE CONTEXT OF FIRE SAFETY PRECAUTIONS AND COMPLIANCE ANALYSIS WITH NATIONAL LEGISLATION**
DEMİREL F., BAŞDEMİR H., İşeri İ.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.27, no.4, pp.729-738, 2012 (SCI-Expanded)

Articles Published in Other Journals

- I. **Derin Öğrenme Kullanarak Tiroid Kanseri Teşhisi**
İLKILIÇ Z., İŞERİ İ., DANDIL B.
Avrupa Bilim ve Teknoloji Dergisi, no.29, pp.292-298, 2021 (Peer-Reviewed Journal)
- II. **Müşteri Hizmetleri Yönetiminde Yapay Zeka Temelli Chatbot Geliştirilmesi**
İŞERİ İ., Aydın Ö., Tutuk K.
Avrupa Bilim ve Teknoloji Dergisi, vol.29, no.29, pp.358-365, 2021 (Peer-Reviewed Journal)
- III. **Development of Multiple Regression Models and Multiple Linear Perceptron Model For Prediction of Heavy Metal Concentration in Sediment**
İŞERİ İ., ARIMAN S.
Avrupa Bilim ve Teknoloji Dergisi, vol.0, no.0, pp.389-397, 2019 (Peer-Reviewed Journal)
- IV. **Classification of Lymph Cancer Pathology Images Using Machine Learning Methods**
VAROL A. B., İŞERİ İ.
Avrupa Bilim ve Teknoloji Dergisi, vol.0, no.0, pp.404-410, 2019 (Peer-Reviewed Journal)
- V. **Artificial Neural Networks In Terms Of Agricultural Informatics**
ODABAŞ M. S., KAYHAN G., İŞERİ İ., ERGÜN E., OKTAŞ R.
Figs İleri Mühendislik ve ARGE Teknolojileri Dergisi, no.22, pp.7-11, 2019 (Non Peer-Reviewed Journal)
- VI. **Jet Boyama Makinesinin Termal Modeli**
DAĞKURS L., İŞERİ İ.
NEW RESULTS IN ENGINEERING AND NATURAL SCIENCES, pp.16-24, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **3D Ağız İçi Taramalarına Ait Nokta Bulutu Verileri ile Derin Öğrenme Kullanılarak Diş Tipi Sınıflandırması**
İŞERİ İ.
5 th International Symposium on Innovative Approaches in Smart Technologies, Turkey, 28 May 2022, vol.5
- II. **Akut Lenfoblastik Löseminin Makine Öğrenimi ile Sınıflandırılması**
VAROL MALKOÇOĞLU A. B., İŞERİ İ.
4th International Symposium on Innovative Approaches in Engineering and Natural Sciences Proceedings, Turkey, 22 - 24 November 2019, vol.4, pp.497-501
- III. **Türkiye'deki Pamuk Üretiminin Konfeksiyon İhracatına Etkisinin Hassasiyet Analizi ile Tespiti**
DAĞKURS L., İŞERİ İ.
4th International Symposium on Innovative Approaches in Engineering and Natural Sciences, Samsun, Turkey, 22 - 24 November 2019, pp.40
- IV. **Trafik Hız Sınırlama Levhalarının Nesne Tanıma Modeli ile Sınıflandırılması**
İLKILIÇ Z., İŞERİ İ., DANDIL B.
4th International Symposium on Innovative Approaches in Engineering and Natural Sciences, Samsun, Turkey, 22 - 24 November 2019, pp.52
- V. **Lenf Kanserine İlişkin Dijital Patoloji Verilerinin Makine Öğrenimi İle Sınıflandırılması**
VAROL A. B., İŞERİ İ.
International Congress on Human-Computer Interaction, Optimization and Robotic Applications, Nevşehir, Turkey, 5 - 07 July 2019, pp.404-410
- VI. **Classification of Breast Histopathology Images with Deep Learning Methods**
İŞERİ İ., KARAKURT M.
HORA2019 - International Congress on Human-Computer Interaction, Optimization and Robotic Applications, Ürgüp, Turkey, Jul 05, 2019, 12 October 2019, vol.4, pp.87-98
- VII. **Yapay Sinir Ağları ile Regüleli Cer Simülasyonu**
DAĞKURS L., İŞERİ İ.
ISAS2019, Ankara, Turkey, 19 - 21 April 2019, pp.256-257
- VIII. **Three axis autonomous moving robotic arm design with computer vision method**
Sadberk S., ODABAŞ M. S., İŞERİ İ.
ICETAS-2019 4th international conference on engineering technology and applied sciences, 24 - 28 April 2019
- IX. **Analysis of the Effects of Different Ecological Factors on the Yield of Sugar beet in Artificial Neural Network as an Example of Digital Agriculture**
İŞERİ İ., KURT D., ODABAŞ M. S., ÇALIŞKAN Ö.
ICETAS 2019, KİEV, Ukraine, 24 - 28 April 2019, pp.341-344
- X. **Steel Price Forecasting Using Long Short-Term Memory Network Model**
Cetin K., Aksoy S., İşeri İ.
4th International Conference on Computer Science and Engineering (UBMK), Samsun, Turkey, 11 - 15 September 2019, pp.612-617
- XI. **Jigger Boyama Makinesinde Hız Kontrolü Modellemesi**
DAĞKURS L., İŞERİ İ.
2nd International Symposium on Innovative Approaches in Scientific Studies, Samsun, Turkey, 30 November - 02 December 2018, vol.1, pp.99
- XII. **Breast Cancer Detection on Big Data Using Spark Machine Learning Framework**
Bulut E. N., Kanbul İ., İŞERİ İ.
International Symposium on Innovative Approaches in Scientific Studies, Samsun, Turkey, 30 November - 02 December 2018, vol.1, pp.1
- XIII. **Classification of News Texts on Big Data Machine Learning Framework**
Kanbul İ., Bulut E. N., İŞERİ İ.
International Symposium on Innovative Approaches in Scientific Studies, Samsun, Turkey, 30 November - 02 December 2018, vol.1, pp.1
- XIV. **A deep learning application for predictive maintenance**

İŞERİ İ., DAĞKURS L.

International Symposium on Innovative Approaches in Scientific Studies, Turkey, 30 November - 02 December 2018, vol.1, pp.1

- XV. **İplikteki Periyodik Hata Frekansının Wavelet (Dalgacık Dönüşümü) Analiz Tekniği İle Tespiti**
DAĞKURS L., İŞERİ İ.
3.Uluslararası LifPolimer Sempozyumu, Bursa, Turkey, 8 - 09 March 2018, pp.78-79
- XVI. **Optimization of Cutting Layout Plan by Using Genetic Algorithm in Garment Industry**
İŞERİ İ., DAĞKURS L.
1. Uluslararası Multidisipliner Çalışmalar ve Yenilikçi Teknolojiler Sempozyumu, Tokat, Turkey, 2 - 04 November 2017, pp.168
- XVII. **Thermal Model of Jet Dyeing Machine**
DAĞKURS L., İŞERİ İ.
ISMSIT 2017, Tokat, Turkey, 2 - 04 November 2017, pp.223
- XVIII. **Türkiye'deki Telekomünikasyon Firmalarının Sosyal Medya Verisi Kullanılarak Duygu Sınıflandırması**
Sentiment Classification of Social Media Data for Telecommunication Companies in Turkey
İŞERİ İ., Atasoy Ö. F., ALÇİÇEK H.
II. Uluslararası Bilgisayar Bilimleri ve Mühendisliği Konferansı (UBMK'17), 5 - 08 October 2017
- XIX. **Design of Web Based Monitoring System for Tomcat Application Server**
KAYHAN G., İŞERİ İ., KABASAKAL H.
5th International Conference on Advanced Technology Sciences (ICAT'17), İstanbul, Turkey, 9 - 12 May 2017, vol.1, pp.257-260
- XX. **Development of Optical Character Recognition Mobile Application over Card Visits with Image Processing Methods**
İŞERİ İ., KAYHAN G., HACİFAZLIOĞLU K.
5th International Conference on Advanced Technology Sciences (ICAT'17), İstanbul, Turkey, 9 - 12 May 2017, pp.300-303
- XXI. **Sentiment Analysis on Twitter Data**
İŞERİ İ., KAYHAN G., ÖZEL S. C.
5th International Conference on Advanced Technology Sciences (ICAT'17), İstanbul, Turkey, 9 - 12 May 2017, pp.261-263
- XXII. **A Smart Car Parking System Based on GPS Coordinates**
KAYHAN G., İŞERİ İ., ŞEVKİ UTKU M.
5th International Conference on Advanced Technology Sciences (ICAT'17), İstanbul, Turkey, 9 - 12 May 2017, pp.264-266
- XXIII. **Otokorelasyon Yöntemi İle İplikte Bulunan Periyodik Hataların Tespiti**
DAĞKURS L., İŞERİ İ.
2.Uluslararası Lif ve Polimer Araştırmaları Sempozyumu, Bursa, Turkey, 27 - 28 April 2017, pp.35-36
- XXIV. **Sentiment Classification of Social Media Data for Telecommunication Companies in Turkey**
İşeri İ., Atasoy O. F., Alcicek H.
2017 International Conference on Computer Science and Engineering (UBMK), Antalya, Turkey, 5 - 08 October 2017, pp.1015-1019
- XXV. **An Artificial Intelligence Based Software Application for Microcalcification Detection on Mammogram Images**
İşeri İ.
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.1973-1976
- XXVI. **Artificial Neural Network Based Approach in Prediction of Potential Water Pollution Across Different Land Use Patterns**
KARAMAN M. R., İŞERİ İ., SALTALI K., Reşit B., HORUZ A., mumin d.
2015, 26 - 27 January 2015, vol.2
- XXVII. **An Efficient Fuzzy Association Rule Mining Method in Medical Diagnosis**

İŞERİ İ., güngör s., KAYA M.

International Turkish Symposium on Artificial Intelligence and Neural Networks, İzmir, Turkey, 5 - 07 June 2014

XXVIII. Bir Hastane Projesi Ve Türkiye Yangından Korunma Yönetmeliğine Uygunluk Analizi

DEMİREL F., BAŞDEMİR H., İŞERİ İ.

TÜYAK 2013, Yangın ve Güvenlik Sempozyumu ve Sergisi, Turkey, 14 - 15 November 2013

XXIX. Equal Width Discretization and Artificial Neural Network Based Breast Cancer Detection

İŞERİ İ., DAĞKURS L.

6th International Advanced Technologies Symposium (IATS'11), 16 - 18 May 2011

XXX. GIS Based Kriging Maps For Determining of Site Specific Phosphorus Contamination in the Agricultural Apple Area

KARAMAN M. R., ER F., SUSAM T., İŞERİ İ., KARKACIER O.

The first International Conference on Environmental Pollution, Restoration, and Management. SETAC, 1 - 02 May 2010

XXXI. Hastalık Teshisinde Etkili Bir Bulanık Bağlantı Kural Çıkarım Yöntemi

İŞERİ İ., KAYA M., Güngör S.

Internatioonal Turkish Symposium on Artificial Intelligence and Neural Networks, 10 - 11 June 2004

Expert Reports

I. Bluetooth Düşük Enerji Aracılığı İle Mobil Ortamda Süt Sağım İşleminin Yönetilmesi

İŞERİ İ.

2015

Supported Projects

İşeri İ., Project Supported by Higher Education Institutions, YENİ DOĞAN BEBEKLERDE BEYİN FELCİ TESPİT SİSTEMİ, 2022 - 2023