

Asst. Prof. SİNEM BOZKURT KESER

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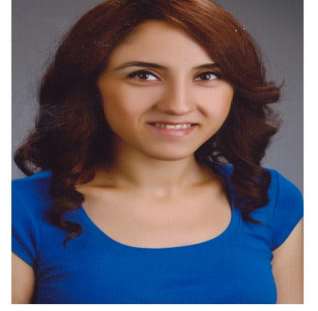
International Researcher IDs

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Publons / Web Of Science ResearcherID: ILP-3156-2023

ScopusID: 55382617200

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Education Information

Doctorate, Anadolu University, Faculty Of Engineering, Department Of Computer Engineering, Turkey 2013 - 2018

Postgraduate, Anadolu University, Faculty Of Engineering, Department Of Computer Engineering, Turkey 2010 - 2013

Undergraduate Double Major, Eskisehir Osmangazi University, Fen-Edebiyat Fakültesi, Matematik Ve Bilgisayar Bilimleri Bölümü, Turkey 2005 - 2010

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, RF BASED INDOOR POSITIONING SYSTEM, Anadolu University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2017

Postgraduate, Trafik ağlarında çok ölçütlü rota planlaması, Anadolu University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2013

Research Areas

algorithms, Database and Data Structures, Artificial Intelligence, Computer Learning and Pattern Recognition

Academic Titles / Tasks

Assistant Professor, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, BİLGİSAYAR MÜHENDİSLİĞİ BÖLÜMÜ, 2019 - Continues

Research Assistant, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, BİLGİSAYAR MÜHENDİSLİĞİ BÖLÜMÜ, 2010 - 2019

Courses

Biçimsel Diller ve Otomata, Undergraduate, 2017 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A gradient boosting-based mortality prediction model for COVID-19 patients**
Keser S., KESKİN K.
Neural Computing and Applications, vol.35, no.33, pp.23997-24013, 2023 (SCI-Expanded)
- II. **HELA: A novel hybrid ensemble learning algorithm for predicting academic performance of students**
Keser S., Aghalarova S.
EDUCATION AND INFORMATION TECHNOLOGIES, vol.27, no.4, pp.4521-4552, 2022 (SSCI)
- III. **Energy efficient routing and task scheduling for autonomous transfer vehicles in intra logistics**
SARIÇİÇEK İ., Keser S., Cibi A., Ozdemir T., YAZICI A.
Kuwait Journal of Science, vol.49, no.1, 2022 (SCI-Expanded)
- IV. **Response surface methodology to tune artificial neural network hyper-parameters**
Bozkurt Keser S., Buruk Şahin Y.
Expert Systems, vol.38, no.8, 2021 (SCI-Expanded)
- V. **Grid Search Optimised Artificial Neural Network for Open Stope Stability Prediction**
ERDOĞAN ERTEN G., BOZKURT KESER S., YAVUZ M.
International Journal of Mining, Reclamation and Environment, vol.35, pp.600-617, 2021 (SCI-Expanded)
- VI. **A Multi-Criteria Decision Strategy to Select a Machine Learning Method for Indoor Positioning System**
YAZICI A., BOZKURT KESER S., GÜNAL S., Yayan U.
INTERNATIONAL JOURNAL ON ARTIFICIAL INTELLIGENCE TOOLS, vol.27, no.5, 2018 (SCI-Expanded)
- VII. **An F-Score-Weighted Indoor Positioning Algorithm Integrating WiFi and Magnetic Field Fingerprints**
BOZKURT KESER S., YAZICI A., GÜNAL S.
MOBILE INFORMATION SYSTEMS, vol.2018, 2018 (SCI-Expanded)

Articles Published in Other Journals

- I. **Yazılım Hata Tahmininde Farklı Alt Örneklemeye ve Üst Örneklemeye Yöntemlerinin Kıyaslanması**
ŞEN KAYA Ö., BOZKURT KESER S.
Bilgisayar Bilimleri ve Mühendisliği Dergisi, vol.16, no.2, pp.147-160, 2023 (Peer-Reviewed Journal)
- II. **Prediction of Survival of Heart Failure Patients: An Application of Classification-Based Machine Learning Algorithms**
BOZKURT KESER S., KESKİN K.
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.23, no.2, pp.362-369, 2023 (Peer-Reviewed Journal)
- III. **Early stage diabetes prediction using decision tree-based ensemble learning model**
SEN KAYA Ö., BOZKURT KESER S., KESKİN K.
International Advanced Researches and Engineering Journal, vol.7, no.1, pp.62-71, 2023 (Peer-Reviewed Journal)
- IV. **A Novel Article Recommendation System Empowered by the Hybrid Combinations of Content-Based State-of-the-Art Methods**
KUŞ İ., BOZKURT KESER S., OKYAY S.
International Journal of Applied Mathematics Electronics and Computers, vol.11, no.1, pp.1-12, 2023 (Peer-Reviewed Journal)
- V. **Explication of the Remote Education Through Department Statistics: ESOGU-CENG Case Study**
CEYHAN M., KARTAL Y., BOZKURT KESER S., OKYAY S., ADAR N.
International Journal of Multidisciplinary Studies and Innovative Technologies, vol.6, no.1, pp.71-76, 2022 (Peer-Reviewed Journal)

- VI. **Breast Cancer Diagnosis with Weighted Vote Based Ensemble Classification Algorithm**
BOZKURT KESER S., KESKİN K.
Mühendislik bilimleri ve arařtırmaları dergisi (Online), vol.4, no.2, pp.112-120, 2022 (Peer-Reviewed Journal)
- VII. **Application of AutoML Technique for Predicting Academic Performance of Students Öğrencilerin Akademik Performanslarının Tahmin Edilmesi için AutoML Tekniğinin Uygulanması**
Aghalarova S., Keser S.
El-Cezeri Journal of Science and Engineering, vol.9, no.2, pp.394-412, 2022 (Scopus)
- VIII. **A comparison of machine learning algorithms for forecasting solar irradiance in Eskişehir, Turkey**
Ayko O., BOZKURT KESER S.
International Journal of Applied Mathematics Electronics and Computers, vol.9, no.4, pp.103-109, 2021 (Peer-Reviewed Journal)
- IX. **Saldırı Tespit Sistemlerinde Topluluk Öğrenme Yöntemlerinin Kıyaslanması**
KUŞ İ., BOZKURT KESER S., YOLAÇAN E. N.
European Journal of Science and Technology, no.31, pp.725-734, 2021 (Peer-Reviewed Journal)
- X. **Genetik Algoritma ile Eş Zamanlı Topla-Dağıt Araç Rotalama: İstanbul Anadolu Yakası için Bir Uygulama**
BOZKURT KESER S., TOPRAK A., CİĞER F. E., DEMİRÖZ M., SARIÇİÇEK İ.
Journal of the Institute of Science and Technology, vol.11, no.3, pp.1686-1699, 2021 (Peer-Reviewed Journal)
- XI. **Önerilen Yapay Sinir Ağı Algoritması ile Ortaokul Öğrencilerin Akademik Performansının Tahmini**
AGHALAROVA S., BOZKURT KESER S.
Veri Bilimi, vol.4, no.2, pp.19-32, 2021 (Peer-Reviewed Journal)
- XII. **The Development of a Novel Content-Based Academic Paper Recommendation System**
Öz V. K., Deniz E., Bozkurt Keser S., Kartal Y., Okyay S.
Eskişehir Türk Dünyası Uygulama ve Arařtırma Merkezi Biliřim Dergisi, vol.2, no.2, pp.6-11, 2021 (Peer-Reviewed Journal)
- XIII. **İçerik tabanlı bilimsel yayın öneri sisteminde benzerlik ölçümlerinin incelenmesi**
DENİZ E., ÖZ V. K., BOZKURT KESER S., OKYAY S., KARTAL Y.
DÜMF Mühendislik Dergisi, vol.12, no.12, pp.221-228, 2021 (Peer-Reviewed Journal)
- XIV. **Meme Kanseri Tümörlerinin Derin Öğrenme Algoritmaları ile Sınıflandırılması**
ÖZGÜR S. N., BOZKURT KESER S.
Türk Doğa ve Fen Dergisi, vol.10, 2021 (Peer-Reviewed Journal)
- XV. **İÇ LOJİSTİKTE OTONOM ROBOTLAR İÇİN GÖREV PLANLAMASI**
BOZKURT KESER S., SARIÇİÇEK İ., YAZICI A.
Eskişehir Osmangazi Üniversitesi Mühendislik ve Mimarlık Fakültesi Dergisi, vol.28, no.2, pp.94-106, 2020 (Peer-Reviewed Journal)
- XVI. **A MULTI CRITERIA HEURISTIC ALGORITHM FOR PERSONALIZED ROUTE PLANNING**
BOZKURT KESER S., YAZICI A., GÜNAL S.
Anadolu University Journal of Science and Technology-A Applied Sciences and Engineering, vol.17, no.2, pp.299-313, 2016 (Peer-Reviewed Journal)
- XVII. **A priori verification and validation study of RFKON database**
BOZKURT KESER S., Yayan U., YAZICI A., GÜNAL S.
International Journal of Computer Science: Theory and Application, vol.5, pp.20-27, 2016 (Peer-Reviewed Journal)
- XVIII. **A Hybrid Algorithm for Automated Guided Vehicle Routing Problem**
BOZKURT KESER S., SÖYLEYİCİ C.
International Journal of Intelligent Systems and Applications in Engineering, vol.4, pp.158-161, 2016 (Peer-Reviewed Journal)

Books & Book Chapters

- I. İç ortam Konumlandırma Sistemleri ve Konum Tabanlı Uygulamalar

YAZICI A., BOZKURT KESER S., YAYAN U.

in: Yapay Zeka ve Büyük Veri: Endüstri 4.0 ve Yapay Zeka, Sağırođlu Şeref, Demirezen Mustafa Umut, Yazıcı Ahmet, Editor, Nobel Yayınevi, pp.183-214, 2021

Refereed Congress / Symposium Publications in Proceedings

- I. **Makine Öğrenmesi Algoritmaları ile Yazılım Hata Tahmini**
ŞEN Ö., BOZKURT KESER S.
3 th International Congress of Engineering and Natural Sciences Studies, 24 - 25 May 2023
- II. **Doğal Dil İşleme Tekniklerinin Kullanımı ile Yeni Bir İçerik Tabanlı Akademik Makale Öneri Sistemi**
KUŞ İ., BOZKURT KESER S.
Uluslararası Bilişim Kongresi 2023(IIC2023), Turkey, 20 March 2023
- III. **Explication of the Remote Education Through Department Statistics: ESOGU-CENG Case Study**
Ceyhan M., Kartal Y., Bozkurt Keser S., Okyay S., Adar N.
ISAS2022 - 5th International Symposium on Innovative Approaches in Smart Technologies, Eskişehir, Turkey, 27 May 2022
- IV. **Prediction Of Secondary School Student Academic Performance Using Data Mining Algorithms**
BOZKURT KESER S.
V. INTERNATIONAL SCIENTIFIC AND VOCATIONAL STUDIES CONGRESS – (BILMES EN 2020), 12 - 15 December 2020
- V. **Comparison of Classification Algorithms On Early Stage Diabetes Risk Prediction Dataset By Using Orange Data Mining Software**
BOZKURT KESER S.
V. INTERNATIONAL SCIENTIFIC AND VOCATIONAL STUDIES CONGRESS – (BILMES EN 2020), 12 - 15 December 2020
- VI. **A Two-Phase Indoor Positioning Algorithm using the Data of Wi-Fi and Magnetic Field**
YAZICI A., BOZKURT KESER S., bolat u.
III International Conference on Engineering and Natural Sciences (ICENS-2017), Budapest, Hungary, 3 - 07 May 2017, pp.33
- VII. **Performance Comparison of Back Propagation Neural Network and Extreme Learning Machine for Indoor Positioning System**
BOZKURT KESER S., YAZICI A., GÜNAL S.
III International Conference on Engineering and Natural Sciences (ICENS-2017), Budapest, Hungary, 3 - 07 May 2017, pp.363
- VIII. **A comparison of tree-based algorithms for a hybrid indoor positioning dataset**
BOZKURT KESER S., YAZICI A., GÜNAL S.
3rd International Conference on Engineering and Natural Sciences (ICENS 2017), Budapest, Hungary, 3 - 07 May 2017, pp.5
- IX. **Integration of Classification Algorithms for Indoor Positioning System**
YAZICI A., BOZKURT KESER S., GÜNAL S.
2017 International Conference on Computer Science and Engineering (UBMK), Antalya, Turkey, 5 - 08 October 2017, pp.267-270
- X. **A Hybrid Fingerprint Based Indoor Positioning with Extreme Learning Machine**
BOZKURT KESER S., YAZICI A., GÜNAL S.
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017
- XI. **A HYBRID APPROACH FOR INDOOR POSITIONING**
BOZKURT KESER S., yayan U., YAZICI A.
3rd International Conference on Advanced Technology & Sciences (ICAT'16), Konya, Turkey, 1 - 03 September 2016, pp.224-227
- XII. **A HYBRID ALGORITHM FOR AUTOMATED GUIDED VEHICLE ROUTING PROBLEM**

söyleyici c., BOZKURT KESER S., YAZICI A.

3rd International Conference on Advanced Technology & Sciences (ICAT'16), Konya, Turkey, 1 - 03 September 2016, pp.166-169

XIII. A Case Study of Optimal Decision Tree Construction for RFKON Database

BOZKURT KESER S., Yayan U.

International Symposium on Innovations in Intelligent Systems and Applications (INISTA), Sinaia, Romania, 2 - 05 August 2016

XIV. Dijkstra Algoritması ile Enerji Verimli Tren İşletimi

KESKİN K., KARAMANCIOĞLU A., BOZKURT KESER S.

Otomatik Kontrol Türk Milli Komitesi Ulusal Toplantısı (TOK2015), Denizli, Turkey, 10 - 12 September 2015, pp.999-1004

XV. A Survey on RF Mapping for Indoor Positioning

BOZKURT KESER S., YAZICI A., GÜNAL S., Yayan U.

23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.2066-2069

XVI. Classifier Selection for RF Based Indoor Positioning

BOZKURT KESER S., GÜNAL S., Yayan U., Bayar V.

23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.791-794

XVII. A Comparative Study on Machine Learning Algorithms for Indoor Positioning

BOZKURT KESER S., ELİBOL SEÇİL G., GÜNAL S., Yayan U.

International Symposium on Innovations in Intelligent Systems and Applications (INISTA 2015), Madrid, Spain, 2 - 04 September 2015, pp.47-54

XVIII. A Novel Multi-Sensor and Multi-Topological Database for Indoor Positioning on Fingerprint Techniques

BOZKURT KESER S., YAZICI A., GÜNAL S., Yayan U., Inan F.

International Symposium on Innovations in Intelligent Systems and Applications (INISTA 2015), Madrid, Spain, 2 - 04 September 2015, pp.55-61

XIX. Trafik Sinyal Kontrol Probleminin Sezgisel Algoritma ile Çözülmesi

KESKİN K., YAZICI A., BOZKURT KESER S., BİLGİÇ Ş., KARACASU M.

Otomatik Kontrol Türk Milli Komitesi Ulusal Toplantısı (TOK2012), Niğde, Turkey, 11 - 13 October 2012, pp.779-783

XX. A multicriteria route planning approach considering driver preferences

BOZKURT KESER S., YAZICI A., KESKİN K.

2012 IEEE International Conference on Vehicular Electronics and Safety (ICVES 2012), Istanbul, Turkey, 24 - 27 July 2012, pp.324-328

Supported Projects

BOZKURT KESER S., SARIÇİÇEK İ., ÖZ V., DENİZ E., Project Supported by Higher Education Institutions, İçerik-tabanlı Yeni Bir Akademik Makale Öneri Sistemi, 2021 - 2024

Metrics

Publication: 47

Citation (WoS): 122

Citation (Scopus): 183

H-Index (WoS): 5

H-Index (Scopus): 6

Non Academic Experience

ASUS