

Asst. Prof. FERİŞTAH DALKILIÇ

Personal Information

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International Researcher IDs

ScholarID: ATIEkwMAAAAJ

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Publons / Web Of Science ResearcherID: P-3806-2019

ScopusID: 57200268479

Yoksis Researcher ID: 171562

Education Information

Doctorate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (Dr), Turkey 2009 - 2015

Postgraduate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (YI) (Tezli), Turkey 2006 - 2009

Undergraduate, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey 2001 - 2006

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Real-time intelligent journey planner, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (Dr), 2015

Postgraduate, Turkish language characteristics and author identification, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (YI) (Tezli), 2009

Research Areas

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

Academic Titles / Tasks

Assistant Professor, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2021 - Continues

Research Assistant, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2009 - 2021

Academic and Administrative Experience

Fakülte Kurulu Doktor Öğretim Üyesi, Dokuz Eylül University, Mühendislik Fakültesi, 2024 - Continues
Dış İlişkiler Komisyonu Üyeliği, Dokuz Eylül University, Mühendislik Fakültesi, 2023 - Continues
Dış İlişkiler Komisyonu Üyeliği, Dokuz Eylül University, Fen Bilimleri Enstitüsü, 2023 - Continues
Eğitim Komisyonu Üyeliği, Dokuz Eylül University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2023 - Continues
Mevlana Exchange Program Department Coordinator, Dokuz Eylül University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2022 - Continues
Farabi Program Department Coordinator, Dokuz Eylül University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2022 - Continues
Erasmus Program Department Coordinator, Dokuz Eylül University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2022 - Continues
Bitirme Projesi Komisyonu Koordinatörü, Dokuz Eylül University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2021 - Continues
Lisansüstü Eğitim Komisyonu Üyesi, Dokuz Eylül University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2022 - 2023

Courses

M.Sc. Thesis, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
COMPUTER ENGINEERING DESIGN, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
INTRODUCTION TO DATA MINING, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
M.Sc. Research, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
DATA STRUCTURES, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
INTRODUCTION TO GRAPH THEORY, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021
SENIOR PROJECT, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
M.Sc. Seminar, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
Graph Theory and Algorithms, Doctorate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Advising Theses

Dalkılıç F., Classification of Computer-Generated and Human-Written Texts, Postgraduate, E.Evrin(Student), Continues
Dalkılıç F., Post-Disaster Building Damage Detection using Remote Sensing and Satellite Imagery, Postgraduate, E.Faruk(Student), Continues
Dalkılıç F., Development of Augmented Reality Supported Mobile Emergency Management Framework, Postgraduate, B.Toros(Student), Continues
Dalkılıç F., A Generative Adversarial Network Powered Journey into Abstract Art Generation, Postgraduate, N.S.(Student), Continues
Dalkılıç F., Prediction of Renewable Energy Potential by Using Machine Learning Techniques, Postgraduate, E.Özen(Student), Continues
Dalkılıç F., Annotating Points of Interest with Mobile Augmented Reality for Tourism, Postgraduate, A.Ceylan(Student), Continues
Dalkılıç F., Nuclei Segmentation and Classification in Histopathology Images Using Deep Neural Networks, Postgraduate, M.Gülye(Student), Continues
Dalkılıç F., Feature Extraction and Machine Learning on Protein Electrophoresis Images, Postgraduate, E.Türkay(Student), Continues
Dalkılıç F., Trend Analysis and Feature Recommendation System for Recruitment Market, Postgraduate, A.Melih(Student), 2023
Dalkılıç F., Gamification in Education with Location-Based Augmented Reality, Postgraduate, S.Ezgi(Student), 2023
Dalkılıç F., Visualization of Real Life Data with Machine Learning Algorithms, Postgraduate, F.Ayas(Student), 2023

Jury Memberships

Doctoral Examination, Doctoral Examination, Dokuz Eylül Üniversitesi, July, 2022

Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, June, 2022

Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, September, 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A Novel Stream Mining Approach as Stream-Cluster Feature Tree Algorithm: A Case Study in Turkish Job Postings**
Doğan Y., Dalkılıç F., Kut A., Kara K. C., Takazoğlu U.
APPLIED SCIENCES-BASEL, vol.12, no.15, 2022 (SCI-Expanded)
- II. **Compound Target Identification in Tissue-Specific Interaction Networks**
Dalkılıç F., Işık Z.
IEEE ACCESS, vol.9, pp.81702-81716, 2021 (SCI-Expanded)
- III. **Mediterranean Diet Optimization by Improved Hybrid Quantum Genetic Algorithm**
DALKILIÇ F., DOĞAN Y., ARSLAN N., Kut A.
JOURNAL OF MEDICAL IMAGING AND HEALTH INFORMATICS, vol.8, no.4, pp.669-675, 2018 (SCI-Expanded)
- IV. **Novel Two-Dimensional Visualization Approaches for Multivariate Centroids of Clustering Algorithms**
Doğan Y., Dalkılıç F., Birant D., Kut R. A., Yılmaz R.
SCIENTIFIC PROGRAMMING, vol.2018, 2018 (SCI-Expanded)
- V. **A Gradual Approach for Multimodal Journey Planning: A Case Study in Izmir, Turkey**
Dalkılıç F., Doğan Y., Birant D., Kut R. A., Yılmaz R.
JOURNAL OF ADVANCED TRANSPORTATION, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **Generating Personalized Abstract Art Paintings by using People's Life Energy Distribution**
AYAS F., DALKILIÇ F.
International Journal of Multidisciplinary Studies and Innovative Technologies, vol.7, no.1, pp.6-14, 2023 (Peer-Reviewed Journal)
- II. **Author Identification with Machine Learning Algorithms**
Yülüce İ., Dalkılıç F.
International Journal of Multidisciplinary Studies and Innovative Technologies, vol.6, no.1, pp.45-50, 2022 (Peer-Reviewed Journal)
- III. **Discovering the same job ads expressed with the different sentences by using hybrid clustering algorithms**
DOĞAN Y., DALKILIÇ F., KUT R. A., KARA K. C., TAKAZOĞLU U.
International Journal of Applied Mathematics Electronics and Computers, vol.8, no.3, pp.76-84, 2020 (Peer-Reviewed Journal)
- IV. **A Study on Room-Level Accuracy of Wi-Fi Fingerprinting-Based Indoor Localization Systems**
ÇABUK U. C., DALKILIÇ F., DAĞDEVİREN O.
Celal Bayar Üniversitesi Fen Bilimleri Dergisi, vol.15, no.1, pp.17-22, 2019 (Peer-Reviewed Journal)
- V. **Üniversite öğrencilerinin ders devamlarının takibine yönelik bilgi sistemi**
AYDIN Ö., DALKILIÇ F.

Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.20, no.60, pp.863-875, 2018 (Peer-Reviewed Journal)

- VI. **Dokuz Eylül Üniversitesi İktisadi ve İdari Bilimler Fakültesi Öğrencilerinin Devamsızlık Davranışlarını Etkileyen Faktörler**
DALKILIÇ F., AYDIN Ö.
Yükseköğretim ve Bilim Dergisi, vol.7, no.3, pp.546-553, 2017 (Peer-Reviewed Journal)
- VII. **Linguistic Studies on Tweets Gathered from Muğla Region: A Preliminary Study**
DALKILIÇ F., KARAARSLAN E., HÜRRİYETOĞLU A.
Yönetim Bilişim Sistemleri Dergisi, vol.1, no.3, pp.29-39, 2016 (Peer-Reviewed Journal)
- VIII. **LTE Direct as a Device to Device Network Technology Use Cases and Security**
ÇABUK U. C., Kanakis G., DALKILIÇ F.
IJARCCE, vol.5, no.7, pp.401-406, 2016 (Peer-Reviewed Journal)
- IX. **WIDIPAY A CROSS LAYER DESIGN FOR MOBILE PAYMENT SYSTEM OVER LTE DIRECT**
Çabuk U. C., Kanakis G., DALKILIÇ F.
International Journal of Research in Engineering and Technology, vol.5, no.3, pp.245-251, 2016 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **IMPLEMENTING BALANCED ITERATIVE REDUCING AND CLUSTERING USING HIERARCHIES (BIRCH) ALGORITHM STEP BY STEP AND APPLYING TO THE DATASETS CONTAINING JOB-ADS**
DOĞAN Y., DALKILIÇ F., KUT R. A., KARA K. C., TAKAZOĞLU U.
in: Research & Reviews in Engineering - I, Assoc. Prof. Dr. Selahattin Bardak, Assist. Prof. Dr. Nesli Aydın, Assist. Prof. Dr. Yalçın Boztoprak, Editor, Gece Kitaplığı / Gece Publishing, Ankara, pp.179-200, 2021
- II. **A Study on the Performance of Base-mPolynomial Selection Algorithm Using GPU**
Durmuş O., ÇABUK U. C., DALKILIÇ F.
in: Artificial Intelligence and Applied Mathematics in Engineering Problems, Hemanth D. Jude, Kose Utku, Editor, Springer International Publishing, pp.509-517, 2020
- III. **Characteristics of Contemporary Printed Turkish**
DALKILIÇ F., DALKILIÇ G.
LAP LAMBERT Academic Publishing, Almanya, 2010

Refereed Congress / Symposium Publications in Proceedings

- I. **Android-Based Personalized Shopping Assistant with Navigation and Augmented Reality Support**
Akay K., Kandemir Ü., DALKILIÇ F.
2022 Innovations in Intelligent Systems and Applications Conference (ASYU), Antalya, Turkey, 07 September 2022, pp.1-6
- II. **Feature Extraction from Turkish Resumes and Job Postings and Efficient Job-Resume Matching**
DALKILIÇ F., DOĞAN Y., KUT R. A., KARA K. C., TAKAZOĞLU U.
7. International Istanbul Scientific Research Congress, İstanbul, Turkey, 18 - 19 December 2021, pp.354-363
- III. **Makine Öğrenmesi ile Adli Dilbilimsel Olgular İçin Türkçe Yazar Tanıma**
KARAMAN B. İ., DALKILIÇ F., EKER E. E. Ç.
1. Uluslararası 17. Ulusal Adli Bilimler Kongresi, Antalya, Turkey, 14 November 2020, pp.403-418
- IV. **A Study on the Performance of Base-m Polynomial Selection Algorithm Using GPU**
Durmuş O., ÇABUK U. C., DALKILIÇ F.
International Conference on Artificial Intelligence and Applied Mathematics in Engineering (ICAIAME), Antalya, Turkey, 20 - 22 April 2019, vol.43, pp.509-517
- V. **An artificial intelligence and Internet of things based automated irrigation system**

AYDIN Ö., KANDEMİR C. A., KIRAC U., DALKILIÇ F.

International Conference on Computer Technologies and Applications in Food and Agriculture, Konya, Turkey, 11 - 12 July 2019

VI. An Irrigation System Supported by IoT and Artificial Intelligence

AYDIN Ö., KIRAC U., KANDEMİR C. A., DALKILIÇ F.

3rd International Conference on Engineering Technology and Applied Sciences, Üsküp, Macedonia, 17 - 21 July 2018

VII. Graph-Based Data Mining for Compound Target Identification

DALKILIÇ F., IŞIK Z.

3rd International Conference on Computer Science and Engineering (UBMK), Sarajevo, Bosnia And Herzegovina, 20 - 23 September 2018, pp.84-89

VIII. Detecting Citizen Problems and Their Locations Using Twitter Data

Abali G., KARAARSLAN E., Hurriyetoglu A., DALKILIÇ F.

6th International Istanbul Smart Grids and Cities Congress and Fair (ICSG), İstanbul, Turkey, 25 - 26 April 2018, pp.30-33

IX. A Network Lab Management System Proposal For Network and Security Education

KARAARSLAN E., ÇABUK U. C., DALKILIÇ F.

International Congress on New Trends in Science, Engineering and Technology (ICONTRENDS), Barcelona, Spain, 27 - 29 April 2017, vol.1

X. An Analysis of the Positioning Accuracy of iBeacon Technology in Indoor Environments

DALKILIÇ F., ÇABUK U. C., Arıkan E., Gurkan A.

2017 International Conference on Computer Science and Engineering (UBMK), Antalya, Turkey, 5 - 08 October 2017, pp.549-553

XI. Öğrenci Devamsızlıklarının Akademik Başarı Üzerindeki Etkisi Dokuz Eylül Üniversitesi İktisadi ve İdari Bilimler Fakültesi Örneği

DALKILIÇ F., AYDIN Ö.

III. INTERNATIONAL EURASIAN EDUCATIONAL RESEARCH CONGRESS, Muğla, Turkey, 31 May - 03 June 2016, pp.2061-2062

XII. Research Data Management System Proposal Having Confidentiality and Privacy

KARAARSLAN E., DALKILIÇ F.

International Conference on Engineering and Natural Science, Üsküp, Macedonia, 15 - 19 May 2015, pp.557-563

XIII. Karar Ağaçları Destekli Vadeli Mevduat Analizi

Dalkılıç H., DALKILIÇ F.

XVII. Akademik Bilişim Konferansı, Eskişehir, Turkey, 4 - 06 February 2015

XIV. Hastane Bilgi Yönetim Sistemi Verilerinde Akademik Çalışmalar için Açık Kaynak Önerileri ve Örnek Uygulamalar

DOĞAN Y., DALKILIÇ F., KUT R. A.

XVII. Akademik Bilişim Konferansı, Turkey, 4 - 06 February 2015

XV. İzmir Mobil Seyahat Planlama Sistemi

Dalkılıç F., Doğan Y., Birant D., Kut R. A.

19. Türkiye'xxde Internet Konferansı, İzmir, Turkey, 27 - 29 November 2014

XVI. Optimizing the Equation for a Dataset with Corresponding Attributes by Hybrid Genetic Algorithm

DOĞAN Y., DALKILIÇ F., KUT R. A., Radevski V.

International Conference on Information Technology Interfaces, Dubrovnik, Croatia, 27 - 30 June 2011, pp.459-464

XVII. Feature selection for author identification using genetic algorithms

DALKILIÇ F., DALKILIÇ G.

International Symposium on Computing in Science & Engineering, 1 - 04 June 2011, pp.120-123

XVIII. Contemporary Turkish Language Characteristics

DALKILIÇ F., DALKILIÇ G.

International Symposium on Innovations in Intelligent Systems and Applications, 21 - 24 June 2010, pp.361-365

XIX. Medical Real Time Business Intelligence Knowledge Discovery in a Blood Test Results Data

Warehouse

DALKILIÇ F., KUT R. A.

International Conference on Information Technology Interfaces, Dubrovnik, Croatia, 21 - 24 June 2010

XX. Author identification Using N grams and SVM

DALKILIÇ F., DALKILIÇ G.

International Symposium on Computing in Science & Engineering, Aydın, Turkey, 3 - 05 June 2010, pp.130

XXI. DAHA HIZLI INTERNET İLE BULUT HESAPLAMA

DALKILIÇ F., KUT R. A.

XIV. Türkiye'de İnternet Konferansı, Turkey, 12 - 13 December 2009

XXII. Gezici Ölçüm Teknolojisi ile Anlık Kentsel Gürültü Haritaları

DALKILIÇ F., KUT R. A.

III. İstanbul Bilişim Kongresi, İstanbul, Turkey, 29 - 31 May 2009

Supported Projects

Tumay S., Doğan Y., Dalkılıç F., Tüysüzoğlu G., Project Supported by Higher Education Institutions, Zafere Doğru 2023, 2020 - 2023

Işık Z., Dalkılıç F., Project Supported by Higher Education Institutions, Drug target detection in tissue-specific interaction networks, 2017 - 2018

Doğan Y., Birant D., Kut R. A., Dalkılıç F., Sezer G., TUBITAK Project, Akıllı Seyahat Planlama Sistemi (ASPS), 2011 - 2013

Birant D., Dalkılıç F., Project Supported by Higher Education Institutions, Mobil Destekli ve Gerçek Zamanlı Seyahat Planlama Sistemi, 2011 - 2012

Activities in Scientific Journals

Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, Committee Member, 2020 - 2022

Scientific Refereeing

Journal of Emerging Computer Technologies, Other Indexed Journal, June 2022

Journal of Multiple Sclerosis Research, Other Indexed Journal, April 2022

International Journal of Pure and Applied Sciences, Other Indexed Journal, December 2021

Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi, Other Indexed Journal, May 2021

İzmir Sosyal Bilimler Dergisi, Other Indexed Journal, July 2020

İzmir İktisat Dergisi, Other Indexed Journal, May 2020

Yükseköğretim ve Bilim Dergisi, Other Indexed Journal, April 2020

Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, Other Indexed Journal, October 2018

Metrics

Publication: 40

Citation (WoS): 17

Citation (Scopus): 29

H-Index (WoS): 2

H-Index (Scopus): 2