

Asst. Prof. ÖZGE KART TOKMAK

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: HJI-8584-2023

Yoksis Researcher ID: 185393

Education Information

Doctorate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (Dr), Turkey 2013 - 2018

Postgraduate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (YI) (Tezli), Turkey 2010 - 2013

Undergraduate, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey 2006 - 2010

Foreign Languages

English, C2 Mastery

Dissertations

Doctorate, Developing clinical decision support and patient monitoring system in primary health care with case studies, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (Dr), 2018

Postgraduate, Decision support system for a customer relationship management case study, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (YI) (Tezli), 2013

Academic Titles / Tasks

Research Assistant, Dokuz Eylul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2012 - Continues

Courses

Introduction To Machine Learning, Undergraduate, 2020 - 2021

Introduction to Machine Learning, Undergraduate, 2019 - 2020

Introduction to Data Mining, Undergraduate, 2018 - 2019

Jury Memberships

Competition, Genç Neyinler Yeni Fikirler, Dokuz Eylül Üniversitesi, May, 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Emati: a recommender system for biomedical literature based on supervised learning.**
Kart Ö., Mestashvili A., Lachmann K., Kwasnicki R., Schroeder M.
Database : the journal of biological databases and curation, vol.2022, 2022 (SCI-Expanded)
- II. **A Novel Approach for Knowledge Discovery from AIS Data: An Application for Transit Marine Traffic in the Sea of Marmara**
DOĞAN Y., KART Ö., KUNDAKÇI B., NAS S.
ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING, vol.21, no.3, pp.73-80, 2021 (SCI-Expanded)
- III. **A machine learning-based recommendation model for bipartite networks**
KART Ö., Ulucay O., Bingol B., IŞIK Z.
PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, vol.553, 2020 (SCI-Expanded)
- IV. **A mobile and web-based clinical decision support and monitoring system for diabetes mellitus patients in primary care: a study protocol for a randomized controlled trial**
Kart Ö., Mevsim V., Kut R. A., Yurek I., Altin A. O., Yılmaz O.
BMC MEDICAL INFORMATICS AND DECISION MAKING, vol.17, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **Application of network embedding and transcriptome data in supervised drug repositioning**
Kart Tokmak Ö., Kökçü G., Naz Çoçan I., Tonç B., Cüvitoğlu A., Işık Z.
International Journal of Information Technology (Singapore), vol.1, no.1, pp.1-7, 2023 (Scopus)
- II. **Transactional data-based customer segmentation applying CRISP-DM methodology: A systematic review**
Peker S., Kart Tokmak Ö.
Journal of Data, Information and Management, vol.5, no.1-2, pp.1-21, 2023 (Peer-Reviewed Journal)
- III. **Network Embedding For Link Prediction in Bipartite Networks**
Kart Ö.
Avrupa Bilim ve Teknoloji Dergisi, no.27, pp.311-317, 2021 (Peer-Reviewed Journal)
- IV. **Intelligent Data Analysis on a Cloud for Small and Medium Sized Enterprises**
KART Ö., ÖZÇELİK G., KUT R. A.
The SIJ Transactions on Computer Science Engineering its Applications (CSEA), vol.4, no.4, pp.37-41, 2016 (Peer-Reviewed Journal)
- V. **Real Time Total Productive Maintenance System**
KART Ö., KUT R. A.
International Journal of Intelligent Computing Research (IJICR), 2014 (Peer-Reviewed Journal)
- VI. **Decision Support System For A Customer Relationship Management Case Study**
KART Ö., KUT R. A., Radevski V.
laes International Journal of Informatics and Communication Technology (IJ-ICT), 2014 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **A Machine Learning Framework for Data-Driven CRM**
PEKER S., KART Ö.
in: The Impact of Artificial Intelligence on Governance, Economics and Finance, , Editor, Springer, pp.87-103, 2022

I. Supervised link prediction developed for bipartite social networks

KART Ö., Hayirci E., KUT R. A., IŞIK Z.

3rd International Conference on Advances in Artificial Intelligence, ICAAI 2019, İstanbul, Turkey, 26 - 28 October 2019, pp.14-17

II. Sentiment Analysis in Turkish Text with Machine Learning Algorithms

Rumelli M., Akkus D., Kart Ö., Işık Z.

Innovations in Intelligent Systems and Applications Conference (ASYU), İzmir, Turkey, 31 October - 02 November 2019, pp.123-127

III. Cloud Based Prediction Tool for SMEs

KART Ö., ÖZÇELİK G., KUT R. A.

International Conference on Engineering and Technology, Balvi, Latvia, 28 - 30 June 2016

IV. A mobile and web based clinical decision support and monitoring system for hypertension and diabetes in primary care a study protocol

MEVSİM V., KUT R. A., KART Ö., Yılmaz O., ALTIN A. Ö., Yürek İ.

WONCA EUROPE CONFERENCE 2016, 15 - 18 June 2016

V. Servise Dayalı Gerçek Zamanlı Toplam Verimlilik Yönetim Sistemi

KART Ö., KUT R. A.

Yönetim Bilişim Sistemleri Kongresi, Turkey, 16 - 17 October 2014

VI. An Implementation of Real Time Total Productive Maintenance Software

KART Ö., KUT R. A.

International Conference on Information Society (i-Society), London, Canada, 10 - 12 November 2014, pp.249-250

Supported Projects

Birant D., Kut R. A., KART Ö., KOSGEB, Bulut Bilişim Tabanlı Tahminleme Aracı, 2014 - 2015

Scientific Refereeing

Dicle Üniversitesi Mühendislik Fakültesi Mühendislik Dergisi, National Scientific Refreed Journal, August 2022

MATHEMATICAL PROBLEMS IN ENGINEERING, Journal Indexed in SCI-E, June 2022

Dicle Üniversitesi Mühendislik Fakültesi Mühendislik Dergisi, National Scientific Refreed Journal, June 2022

APPLIED CLINICAL INFORMATICS, Journal Indexed in SCI-E, October 2021

Emerging Trends in IoT and Integration with Data Science, Cloud Computing, and Big Data Analytics, Chapter Scientific / Professional Book Published by Other Publishers, July 2021

Emerging Trends in IoT and Integration with Data Science, Cloud Computing, and Big Data Analytics, Chapter Scientific / Professional Book Published by Other Publishers, July 2021

Avrupa Bilim ve Teknoloji Dergisi, Other Indexed Journal, April 2021

Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, National Scientific Refreed Journal, October 2019

Metrics

Publication: 17

Citation (WoS): 20

Citation (Scopus): 29

H-Index (WoS): 3

H-Index (Scopus): 3

Scholarships

2219 Yurt Dışı Doktora Sonrası Araştırma Bursu, TÜBİTAK, 2021 - 2022