

Doç. Dr. ALPER ÖZCAN



Kişisel Bilgiler

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Yoksis Araştırmacı ID: 323414



Eğitim Bilgileri

Doktora, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği,
Türkiye 2011 - 2017

Yüksek Lisans, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar
Mühendisliği, Türkiye 2007 - 2010

Lisans, İstanbul Teknik Üniversitesi, Bilgisayar Ve Bilişim Fakültesi, Bilgisayar
Mühendisliği, Türkiye 2002 - 2007

Araştırma Alanları

Bilgisayar Bilimleri, Yapay Zeka, Bilgisayarda Öğrenme ve Örüntü Tanıma, Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Dr. Öğr. Üyesi, Akdeniz Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2021 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- Enhanced-TransUNet for ultrasound segmentation of thyroid nodules**
ÖZCAN A., TOSUN Ö., Donmez E., Sanwal M.
Biomedical Signal Processing and Control, cilt.95, 2024 (SCI-Expanded)
- Hierarchical multi-head attention LSTM for polyphonic symbolic melody generation**
Kasif A., SEVGİN S., ÖZCAN A., ÇATAL Ç.
Multimedia Tools and Applications, cilt.83, sa.10, ss.30297-30317, 2024 (SCI-Expanded)
- Deep learning-based modelling of pyrolysis**
ÖZCAN A., Kasif A., SEZGİN İ. V., Catal C., Sanwal M., MERDUN H.
Cluster Computing, cilt.27, sa.1, ss.1089-1108, 2024 (SCI-Expanded)
- Determining optimal paths of virtual links in Avionics Full-Duplex Switched Ethernet networks using modified ant colony optimization algorithm**
Bayram O. B., ÖZCAN A.
Expert Systems with Applications, cilt.229, 2023 (SCI-Expanded)

- V. **Structural and topological guided GCN for link prediction in temporal networks**
Sserwadda A., ÖZCAN A., Yaslan Y.
Journal of Ambient Intelligence and Humanized Computing, cilt.14, sa.7, ss.9667-9675, 2023 (SCI-Expanded)
- VI. **A hybrid DNN-LSTM model for detecting phishing URLs**
Ozcan A., Catal C., DÖNMEZ E., Senturk B.
NEURAL COMPUTING & APPLICATIONS, cilt.35, sa.7, ss.4957-4973, 2023 (SCI-Expanded)
- VII. **Analysis of cyber security knowledge gaps based on cyber security body of knowledge**
Catal C., ÖZCAN A., Donmez E., Kasif A.
Education and Information Technologies, cilt.28, sa.2, ss.1809-1831, 2023 (SSCI)
- VIII. **Topological Similarity and Centrality Driven Hybrid Deep Learning for Temporal Link Prediction**
Sserwadda A., ÖZCAN A., Yaslan Y.
Journal of Universal Computer Science, cilt.29, sa.5, ss.470-490, 2023 (SCI-Expanded)
- IX. **Non-exercise-based racing time prediction of cross-country skiers using machine learning methods combined with Relief-F feature selection**
ABUT F., AKAY M. F., Daneshvar S., ÖZCAN A., Heil D.
Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology, 2023 (SCI-Expanded)
- X. **ACO-based approach for integrating product lifecycle management with MRO services in aviation industry**
Guraksin A. M., ÖZCAN A.
Soft Computing, cilt.27, sa.1, ss.337-361, 2023 (SCI-Expanded)
- XI. **A hybrid DenseNet121-UNet model for brain tumor segmentation from MR Images**
Cinar N., ÖZCAN A., Kaya M.
Biomedical Signal Processing and Control, cilt.76, 2022 (SCI-Expanded)
- XII. **Energy Load Forecasting Using a Dual-Stage Attention-Based Recurrent Neural Network**
ÖZCAN A., Catal C., Kasif A.
SENSORS, cilt.21, sa.21, 2021 (SCI-Expanded)
- XIII. **Malware Detection Based on Graph Attention Networks for Intelligent Transportation Systems**
Catal C., GÜNDÜZ H., ÖZCAN A.
ELECTRONICS, cilt.10, sa.20, 2021 (SCI-Expanded)
- XIV. **Assessment of environmental factors affecting software reliability: A survey study**
ÖZCAN A., ÇATAL Ç., TOĞAY C., Tekinerdoğan B., DÖNMEZ E.
Turkish Journal of Electrical Engineering and Computer Sciences, cilt.28, sa.4, ss.1841-1858, 2020 (SCI-Expanded)
- XV. **Link prediction in evolving heterogeneous networks using the NARX neural networks**
Ozcan A., Öğüdücü Ş.
Knowledge and Information Systems, cilt.55, sa.2, ss.333-360, 2018 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Applying Graph Convolution Networks to Recommender Systems based on graph topology**
ÖZCAN A.
Dicle Üniversitesi Mühendislik Fakültesi Mühendislik Dergisi, cilt.13, sa.2, ss.205-211, 2022 (Hakemli Dergi)
- II. **Bacterial Disease Detection for Pepper Plant by Utilizing Deep Features Acquired from DarkNet-19 CNN Model**
ÖZCAN A., DÖNMEZ E.
Dicle Üniversitesi Mühendislik Fakültesi Mühendislik Dergisi, cilt.12, sa.4, ss.573-579, 2021 (Hakemli Dergi)

Kitap & Kitap Bölümleri

- I. **A Recommendation Framework for Mobile Phones Based on Social Network Data**
ÖZCAN A., ÖĞÜDÜCÜ Ş.
Studies in Computational Intelligence, Roger LeeJixin MaLiz BaconWencai DuMiltos Petridis, Editör, Springer, Londrina, ss.139-149, 2010

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Seasonality Aware Topological Graph Neural Network for Recommender Systems Mevsimselliğe Duyarlı Topolojik Çizge Sinir Ağı Tavsiye Sistemleri**
Özden C., ÖZCAN A.
32nd IEEE Conference on Signal Processing and Communications Applications, SIU 2024, Mersin, Türkiye, 15 - 18 Mayıs 2024
- II. **Edge Information Assisted Decoder for Business Process Anomaly Detection**
Ayaz T. B., ÖZCAN A., AKBULUT A.
8th International Artificial Intelligence and Data Processing Symposium, IDAP 2024, Malatya, Türkiye, 21 - 22 Eylül 2024
- III. **Endemic Plant Classification Using Deep Neural Networks**
ÖZ M., ÖZCAN A.
3rd International Conference on Access to Recent Advances in Engineering and Digitalization (ARACONF 2023), Türkiye, 15 Mart 2023
- IV. **Sentiment-enhanced Neural Collaborative Filtering Models Using Explicit User Preferences**
Dursun C., ÖZCAN A.
5th International Congress on Human-Computer Interaction, Optimization and Robotic Applications, HORA 2023, İstanbul, Türkiye, 8 - 10 Haziran 2023
- V. **Optimal Redundant Routing of Virtual Links for Avionics Full-Duplex Switched Ethernet Network**
BAYRAM O. B., ÖZCAN A.
2022 30th Signal Processing and Communications Applications Conference (SIU), Safranbolu, Türkiye, 15 Mayıs 2022
- VI. **ARINC 664 AFDX AĞLARINDA KABLAJ OPTİMİZASYONUNA DAYALI SANAL BAĞLANTILARIN UYARLANMIŞ GENETİK ALGORİTMAYLA YÖNLENDİRİLMESİ**
BAYRAM O. B., ÖZCAN A.
4th International Conference on Artificial Intelligence and Applied Mathematics in Engineering (ICAIAME 2022), Baku, Azerbaycan, 20 Mayıs 2022
- VII. **Using Supervised Machine Learning Algorithms For Drug Target Interaction Prediction**
Yildiz N. F., ÖZCAN A.
2022 Innovations in Intelligent Systems and Applications Conference, ASYU 2022, Antalya, Türkiye, 7 - 09 Eylül 2022
- VIII. **Deep Hotel Recommender System Using Aspect-based Sentiment Analysis of Users' Reviews**
ÖZCAN A., Emiral B., Cetin A. B.
26th International Conference on Pattern Recognition, ICPR 2022, Montreal, Kanada, 21 - 25 Ağustos 2022, cilt.2022-August, ss.3090-3096
- IX. **Hierarchical and Centrality driven Polypharmacy Side Effect Prediction Model**
Sserwadda A., ÖZCAN A., Yaslan Y.
7th International Conference on Computer Science and Engineering, UBMK 2022, Diyarbakır, Türkiye, 14 - 16 Eylül 2022, ss.384-387
- X. **Deep Hybrid Recommender System**
TÜRKER D., ÖZCAN A., ÖĞÜDÜCÜ Ş.
2020 28th Signal Processing and Communications Applications Conference (SIU), Gaziantep, Türkiye, 05 Ekim 2020
- XI. **Temporal Link Prediction Using Time Series of Quasi-Local Node Similarity Measures**

ÖZCAN A., ÖĞÜDÜCÜ Ş.

2016 15th IEEE International Conference on Machine Learning and Applications (ICMLA), Los-Angeles, Şili, 18

Aralık 2016

Metrikler

Yayın: 29

Atıf (WoS): 188

Atıf (Scopus): 200

H-İndeks (WoS): 6

H-İndeks (Scopus): 6