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Kişisel Bilgiler

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Publons / Web Of Science ResearcherID: IQR-9870-2023

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

- I. Hierarchical multi-head attention LSTM for polyphonic symbolic melody generation
Kasif A., SEVGEN S., ÖZCAN A., ÇATAL Ç.
Multimedia Tools and Applications, cilt.83, sa.10, ss.30297-30317, 2024 (SCI-Expanded)
- II. 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)
- III. Identification of the molecular etiology in rare congenital hemolytic anemias using next-generation sequencing with exome-based copy number variant analysis
Isik E., Aydinok Y., Albayrak C., Durmus B., Karakas Z., Orhan M. F., SARPER N., Aydin S., Unal S., Oymak Y., et al.
European Journal of Haematology, 2024 (SCI-Expanded)
- IV. 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)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **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

- II. **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
- III. **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
- IV. **Using Supervised Machine Learning Algorithms For Drug Target Interaction Prediction**
Yıldız N. F., ÖZCAN A.
2022 Innovations in Intelligent Systems and Applications Conference, ASYU 2022, Antalya, Türkiye, 7 - 09 Eylül
2022

Metrikler

Yayın: 21

Atıf (Scopus): 25

H-İndeks (Scopus): 1