

Dr. Öğr. Üyesi BURAK KOLUKISA

Kişisel Bilgiler

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Uluslararası Araştırmacı ID'leri

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Eğitim Bilgileri

Doktora, Abdullah Gül Üniversitesi, Institute of Science, Electrical and Computer Engineering, Türkiye 2020 - 2024

Yüksek Lisans, Abdullah Gül Üniversitesi, Institute of Science, Electrical and Computer Engineering, Türkiye 2018 - 2020

Lisans, Erciyes Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Türkiye 2011 - 2016

Yabancı Diller

İngilizce, B2 Orta Üstü

Yaptığı Tezler

Doktora, Machine learning approaches for internet of things based vehicle type classification and network anomaly detection, Abdullah Gül Üniversitesi, 2024

Yüksek Lisans, Development of data mining methodologies and machine learning models to understand cardiovascular disease mechanisms, Abdullah Gül Üniversitesi, 2020

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Defect classification of composite materials using transfer learning methods**
Gulsen A., Kolukisa B., ÖZDEMİR A. T., Bakir-Gungor B., Gungor V. C.
NONDESTRUCTIVE TESTING AND EVALUATION, 2024 (SCI-Expanded)
- II. **Ensemble Feature Selection for Clustering Damage Modes in Carbon Fiber-Reinforced Polymer Sandwich Composites Using Acoustic Emission**
Gulsen A., Kolukisa B., ÇALIŞKAN U., Bakir-Gungor B., Gungor V. C.
ADVANCED ENGINEERING MATERIALS, cilt.26, sa.22, 2024 (SCI-Expanded)
- III. **An efficient network intrusion detection approach based on logistic regression model and parallel artificial bee colony algorithm**
Kolukisa B., DEDETÜRK B. K., Hacilar H., Gungor V. C.
COMPUTER STANDARDS & INTERFACES, cilt.89, 2024 (SCI-Expanded)
- IV. **Ensemble feature selection and classification methods for machine learning-based coronary artery disease diagnosis**
KOLUKISA B., Bakir-Gungor B.
COMPUTER STANDARDS & INTERFACES, cilt.84, 2023 (SCI-Expanded)
- V. **A deep neural network approach with hyper-parameter optimization for vehicle type classification**

using 3-D magnetic sensor

Kolukisa B., Yildirim V. C., Ayyildiz C., Gungor V. C.

COMPUTER STANDARDS & INTERFACES, cilt.84, 2023 (SCI-Expanded)

VI. Deep learning approaches for vehicle type classification with 3-D magnetic sensor

KOLUKISA B., Yildirim V. C., Elmas B., Ayyildiz C., GÜNGÖR V. Ç.

COMPUTER NETWORKS, 2022 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. CLUSTER-BASED CLONAL SELECTION ALGORITHM FOR VEHICLE ROUTING PROBLEMS WITH TIME WINDOWS**
DEDETÜRK B. K., KOLUKISA B., ÖZMEN M.
Adıyaman Üniversitesi Mühendislik Bilimleri Dergisi, cilt.10, sa.21, ss.307-320, 2023 (Hakemli Dergi)
- II. Privacy-Preserving Wireless Indoor Localization Systems**
ADANUR DEDETÜRK B., KOLUKISA B., TONYALI S.
Kocaeli Journal of Science and Engineering, cilt.6, sa.2, ss.114-128, 2023 (Hakemli Dergi)
- III. Coronary Artery Disease Diagnosis Using Optimized Adaptive Ensemble Machine Learning Algorithm**
KOLUKISA B., YAVUZ L., SORAN A., GÜNGÖR B., Tuncer D., ÖNEN A., GÜNGÖR V. Ç.
International Journal of Bioscience, Biochemistry and Bioinformatics, cilt.10, 2020 (Hakemli Dergi)
- IV. Weighted Association Rules and Scoring Methodology for Cardiovascular Diseases**
GÖY G., KOLUKISA B., GÜNGÖR B., Uğur İ., GÜNGÖR V. Ç.
International Journal of Bioscience, Biochemistry and Bioinformatics, cilt.9, sa.4, ss.222-230, 2019 (Hakemli Dergi)
- V. Diagnosis of Coronary Heart Disease via Classification Algorithms and a New Feature Selection Methodology**
KOLUKISA B., HACILAR H., GÖY G., Kuş M., GÜNGÖR B., ARAL A., GÜNGÖR V. Ç.
INTERNATIONAL JOURNAL OF DATA ANALYSIS TECHNIQUES AND STRATEGIES, cilt.1, sa.1, ss.8-15, 2019 (Scopus)

Hakemli Bilimsel Toplantılarda Yayımlanmış Bildiriler

- I. ATGRUVAE: Reducing Noise and Improving Forecasting Performance in Stock Data**
AKKAŞ H., KOLUKISA B., GÜNGÖR B.
2024 9th International Conference on Computer Science and Engineering (UBMK), 26 - 28 Ekim 2024
- II. Evaluating the Impact of Sentiment Analysis on Deep Reinforcement Learning-Based Trading Strategies**
ETCİL M., KOLUKISA B., GÜNGÖR B.
2024 9th International Conference on Computer Science and Engineering (UBMK), 26 - 28 Ekim 2024
- III. A Federated Learning Framework for Classifying the Images in Ultrasonic Nondestructive Testing**
GÜLŞEN A., HACILAR H., KOLUKISA B., GÜNGÖR B.
9th International Conference on Computer Science and Engineering, UBMK 2024, Antalya, Türkiye, 26 - 28 Ekim 2024, ss.360-364
- IV. A Transfer Learning Approach for Skin Cancer Subtype Detection**
KOLUKISA B., GÖRMEZ Y., AYDIN Z.
4th International Conference on Artificial Intelligence and Applied Mathematics in Engineering, Azerbaijan, 20 - 22 Mayıs 2022
- V. A Comparative Analysis on Medical Article Classification Using Text Mining & Machine Learning Algorithms**
KOLUKISA B., DEDETÜRK B. K., Dedetürk B. A., Gulsen A., BAKAL M. G.
2021 6th International Conference on Computer Science and Engineering (UBMK), Ankara, Türkiye, 15 - 17 Eylül 2021, ss.360-365

- VI. **An Ensemble Feature Selection Methodology That Incorporates Domain Knowledge for Cardiovascular Disease Diagnosis**
KOLUKISA B., GÜNGÖR V. Ç., GÜNGÖR B.
28th Signal Processing and Communications Applications Conference (SIU), Gaziantep, Türkiye, 5 - 07 Ekim 2020, ss.1-4
- VII. **Ensemble Churn Prediction for Internet Service Provider with Machine Learning Techniques**
GÖY G., KOLUKISA B., BAHÇEVAN C., GÜNGÖR V. Ç.
5th International Conference on Computer Science and Engineering (UBMK), Diyarbakır, Türkiye, 9 - 11 Eylül 2020, ss.248-253
- VIII. **Evaluation of Classification Algorithms, Linear Discriminant Analysis and a New Hybrid Feature Selection Methodology for the Diagnosis of Coronary Artery Disease**
KOLUKISA B., HACILAR H., GÖY G., KUŞ M., GÜNGÖR B., ARAL A., GÜNGÖR V. Ç.
IEEE International Conference on Big Data, Seattle, WA, Amerika Birleşik Devletleri, 10 - 13 Aralık 2018, ss.2232-2238

Metrikler

Yayın: 19

Atıf (WoS): 59

Atıf (Scopus): 117

H-İndeks (WoS): 4

H-İndeks (Scopus): 5