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International Researcher IDs

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Education

Doctorate, Abdullah Gul University, Institute of Science, Electrical and Computer Engineering, Turkey 2020 - 2024

Postgraduate, Abdullah Gul University, Institute of Science, Electrical and Computer Engineering, Turkey 2018 - 2020

Undergraduate, Erciyes University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 2011 - 2016

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Machine learning approaches for internet of things based vehicle type classification and network anomaly detection, Abdullah Gul University, 2024

Postgraduate, Development of data mining methodologies and machine learning models to understand cardiovascular disease mechanisms, Abdullah Gul University, 2020

Journal articles indexed in SCI, SSCI, and AHCI

- 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, vol.26, no.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, vol.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, vol.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, vol.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)

Articles Published in Other Journals

- 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, vol.10, no.21, pp.307-320, 2023 (Peer-Reviewed Journal)
- II. Privacy-Preserving Wireless Indoor Localization Systems**
ADANUR DEDETÜRK B., KOLUKISA B., TONYALI S.
Kocaeli Journal of Science and Engineering, vol.6, no.2, pp.114-128, 2023 (Peer-Reviewed Journal)
- 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, vol.10, 2020 (Peer-Reviewed Journal)
- 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, vol.9, no.4, pp.222-230, 2019 (Peer-Reviewed Journal)
- 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, vol.1, no.1, pp.8-15, 2019 (Scopus)

Papers Presented at Peer-Reviewed Scientific Conferences

- 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 October 2024, (Full Text)
- 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 October 2024, (Full Text)
- 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, Turkey, 26 - 28 October 2024, pp.360-364, (Full Text)
- 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 May 2022, (Full Text)
- V. A Comparative Analysis on Medical Article Classification Using Text Mining & Machine Learning**

Algorithms

KOLUKISA B., DEDETÜRK B. K., Dedeturk B. A., Gulsen A., BAKAL M. G.

2021 6th International Conference on Computer Science and Engineering (UBMK), Ankara, Turkey, 15 - 17 September 2021, pp.360-365, (Full Text)

- 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, Turkey, 5 - 07 October 2020, pp.1-4, (Full Text)
- 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, Turkey, 9 - 11 September 2020, pp.248-253, (Full Text)
- 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, United States Of America, 10 - 13 December 2018, pp.2232-2238, (Full Text)

Metrics

Publication: 19

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