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Education Information

Doctorate, Abdullah Gul University, Fen Bilimleri Enstitüsü, Electrical and Computer Engineering, Turkey 2020 - 2024

Postgraduate, Abdullah Gul University, Fen Bilimleri Enstitüsü, Elektrik Ve Bilgisayar Mühendisliği, Turkey 2018 - 2020

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

Academic Titles / Tasks

Research Assistant, Abdullah Gul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2018 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **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 and Interfaces, vol.89, 2024 (SCI-Expanded)
- II. **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., Güngör V. Ç.
COMPUTER STANDARDS AND INTERFACES, vol.84, 2023 (SCI-Expanded)
- III. **Ensemble feature selection and classification methods for machine learning-based coronary artery disease diagnosis**
KOLUKISA B., Bakir-Gungor B.
Computer Standards and Interfaces, vol.84, 2023 (SCI-Expanded)
- IV. **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, vol.217, 2022 (SCI-Expanded)

Articles Published in Other Journals

- I. **ZAMAN PENCERELİ ARAÇ ROTALAMA PROBLEMLERİ İÇİN KÜMELEME TEMELLİ KLONAL SEÇİM ALGORİTMASI**
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 DEDETURK 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, no.1, pp.58-65, 2019 (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 Mining Science, vol.1, no.1, pp.8-15, 2019 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **A Comparative Analysis on Medical Article Classification Using Text Mining & Machine Learning Algorithms**
Kolukisa B., Dedetürk B. K., Adanur Dedetürk B., Gülşen A., Bakal M. G.
2021 6th International Conference on Computer Science and Engineering (UBMK), Ankara, Turkey, 15 - 17 September 2021, pp.360-365
- II. **An Ensemble Feature Selection Methodology That Incorporates Domain Knowledge for Cardiovascular Disease Diagnosis Koroner Arter Hastaligi Tanisi Icin Alan Bilgisi Iceren Topluluk Oznitelik Secim Yontemi**
KOLUKISA B., GÜNGÖR V. Ç., Gungor B. B.
28th Signal Processing and Communications Applications Conference, SIU 2020, Gaziantep, Turkey, 5 - 07 October 2020
- III. **Ensemble Churn Prediction for Internet Service Provider with Machine Learning Techniques**
GÖY G., KOLUKISA B., Bahcevan C., GÜNGÖR V. Ç.
5th International Conference on Computer Science and Engineering (UBMK), Diyarbakır, Turkey, 9 - 11 September 2020, pp.248-253
- IV. **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., Goy G., Kus M., Bakir-Gungor B., Aral A., GÜNGÖR V. Ç.
2018 IEEE International Conference on Big Data, Big Data 2018, Washington, United States Of America, 10 - 13 December 2018, pp.2232-2238

Metrics

Publication: 13

Citation (WoS): 14

Citation (Scopus): 65

H-Index (WoS): 1

H-Index (Scopus): 3