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Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Turkey 2016 - 2020

Academic Titles / Tasks

Assistant Professor, Erciyes University, Mühendislik Fakültesi, Yazılım Mühendisliği, 2023 - Continues

Academic and Administrative Experience

Erciyes University, 2023 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Lifetime maximization of IoT-enabled smart grid applications using error control strategies**
Tekin N., Dedetürk B. K., Gungor V. C.
COMPUTER NETWORKS, vol.254, 2024 (SCI-Expanded)
- II. **Network anomaly detection using Deep Autoencoder and parallel Artificial Bee Colony algorithm-trained neural network**
Hacılar H., DEDETÜRK B. K., Bakir-Gungor B., Gungor V. C.
PEERJ COMPUTER SCIENCE, vol.10, 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. **CSA-DE-LR: enhancing cardiovascular disease diagnosis with a novel hybrid machine learning approach**
Adanur Dedetürk B., Dedetürk B. K., Güngör B.
PEERJ COMPUTER SCIENCE, vol.10, 2024 (SCI-Expanded)
- V. **A parallel hybrid approach integrating clonal selection with artificial bee colony for logistic regression in spam email detection**
DEDETÜRK B. K., AKAY B.
Neural Computing and Applications, 2024 (SCI-Expanded)

VI. Spam filtering using a logistic regression model trained by an artificial bee colony algorithm

Dedetürk B. K., AKAY B.

APPLIED SOFT COMPUTING, vol.91, 2020 (SCI-Expanded)

Articles Published in Other Journals

- I. **A Comparative Analysis of Passenger Flow Forecasting in Trams Using Machine Learning Algorithms**
Dedetürk B. K., Adanur Dedetürk B., Akbaş A.
Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, vol.13, pp.1-14, 2024 (Peer-Reviewed Journal)
- II. **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, pp.307-320, 2023 (Peer-Reviewed Journal)
- III. **Can artificial intelligence algorithms recognize knee arthroplasty implants from X-ray radiographs?**
GÖLGELİOĞLU F., AŞKIN A., GÜNDOĞDU M. C., UZUN M. F., DEDETÜRK B. K., YALIN M.
Anatolian Current Medical Journal, vol.5, no.4, pp.479-483, 2023 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Artificial Bee Colony Algorithm and Its Application to Content Filtering in Digital Communication**
DEDETÜRK B. K., AKAY B., KARABOĞA D.
in: Nature-Inspired Metaheuristic Algorithms for Engineering Optimization Applications, Carbas Serdar, Toktas Abdurrahim, Ustun Deniz,, Editor, Springer Nature, Singapore, pp.337-355, 2021

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., Dedetürk 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

Metrics

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