Asst. Prof. BİLGE KAĞAN DEDETÜRK

Personal Information

Email: bilgededeturk@erciyes.edu.tr
Web: https://avesis.erciyes.edu.tr/bilgededeturk

International Researcher IDs
ScholarID: m-6Vrt4AAAAJ
ORCID: 0000-0002-8026-5003
ScopusID: 57215770858
Yoksis Researcher ID: 196780

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. **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, 2024 (SCI-Expanded)

II. **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)

III. **Spam filtering using a logistic regression model trained by an artificial bee colony algorithm**
Dedeturk 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., 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

Supported Projects

Özmen M., Akın M., Yüksel M. B., Özcan O., Dedetürk B. K., TUBITAK Project, GEAKDES: Gerçek Zamanlı Deprem Afet / Süreç Yönetimi İçin Yapay Zekâ Temelli Akıllı Karar Destek Sistemi, 2022 - 2024

Metrics

Publication: 8
Citation (WoS): 58
Citation (Scopus): 78
H-Index (WoS): 1
H-Index (Scopus): 1