

Advances in Artificial Intelligence Research

https://dergipark.org.tr/aair

Owner

Osman ÖZKARACA - Muğla Sıtkı Koçman University

Editor-in-Chief

Ali KEÇEBAŞ - Muğla Sıtkı Koçman University
Osman ÖZKARACA - Muğla Sıtkı Koçman University

Editors

Dr. Hüseyin ŞEKER Staffordshire University, School of Computing and Digital Tech, England Dr. Tuncay YİĞİT Süleyman Demirel University, Computer Engineering Department, Turkey Dr. Uğur Güvenç Electric-Electronic Engineering, Düzce University, Düzce, Turkey Dr. Jude HEMANTH Karunya University, Electronics and Communication Engineering, India Dr. Yusuf SÖNMEZ Gazi University, Vocational College of Technical Sciences, Turkey Dr. Ender ÖZCAN Nottingham University, Computer Science and Operational Research, England Dr. Hamdi Tolga KAHRAMAN Karadeniz Technical University, Software Engineering, Turkey Dr. Bogdan PATRUT Alexandru Ioan Cuza University, Faculty of Computer Science, Romania Dr. Ali Hakan IŞIK Mehmet Akif Ersoy University, Computer Engineering, Turkey Dr. İsmail Serkan ÜNCÜ Isparta Applied Sciences University, Electrical-Electronics Engineering Turkey Dr. Gürcan Çetin Information Systems Engineering, Muğla Sıtkı Koçman University, Turkey Dr. İsmail Yabanova Mechatronics Engineering, Afyon Kocatepe University, Turkey

Date of PublicationFebruary 2023LanguageEnglishFrequencyPublished twice in a yearGraphic designerÖzden Işıktaş

Correspondence Address Muğla Sıtkı Koçman University, Faculty of Technology, Information Systems

Engineering, 48000 Kötekli/MUĞLA 0 506 4887818 – 0252 211 5526

Correspondence Mail osmanozkaraca@mu.edu.tr

Phone

Volume: 3 2023 Issue: 1



Table of Contents	
Pages	Research Articles
1 – 11	SEMANTIC SIMILARITY COMPARISON BETWEEN PRODUCTION LINE FAILURES FOR PREDICTIVE MAINTENANCE Hilal Tekgöz, Sevinç İlhan Omurca, Kadir Yunus Koç, Umut Topçu, Osman Çelik
12 - 18	A BLOCK-BUILDING BASED GRASP METHOD FOR SOLVING CONTAINER LOADING PROBLEM Merve Özdemir, Tuncay Yiğit
19 - 26	DETECTION OF MEALYBUGS DISEASE USING ARTIFICIAL INTELLIGENCE METHODS Bekir Aksoy, Nergiz Aydın, Sema Çayır, Osamah Khaled Musleh SALMAN
27 - 35	DETECTING HIGH-RISK AREA FOR LUMPY SKIN DISEASE IN CATTLE USING DEEP LEARNING FEATURE Musa Genemo
36 - 44	PREDICTION OF WATER QUALITY WITH ENSEMBLE LEARNING ALGORITHMS Faten Aljarah, Aydin Cetin

Volume: 3 2023 Issue: 1