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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAZ-9832-2021

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Education Information

Doctorate, Ataturk University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 2019 - Continues

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, Turkey 2015 - 2019

Undergraduate, Ataturk University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 2011 - 2015

Research Areas

Computer Sciences, algorithms, Distributed Systems, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Ataturk University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2017 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A novel bearing fault detection approach using a convolutional neural network**
Aydin T., Erdem E., Erkayman B., Kocadağistan M. E., Teker T.
MATERIALS TESTING, no.4, pp.478-492, 2024 (SCI-Expanded)
- II. **Novel Deep Hybrid and Ensemble Algorithms for Improving GPS Navigation Positioning Accuracy**
Aydin T., Erdem E.
IEEE ACCESS, vol.11, pp.53518-53530, 2023 (SCI-Expanded)
- III. **New Artificial intelligence approaches for brand switching decisions**
Erkayman B., Erkayman B., Erdem E., Aydin T., Mahmat Z.
ALEXANDRIA ENGINEERING JOURNAL, vol.63, pp.625-643, 2023 (SCI-Expanded)
- IV. **Flight scheduling incorporating bad weather conditions through big data analytics: A comparison of metaheuristics**
Erdem E., Aydin T., Erkayman B.
EXPERT SYSTEMS, vol.38, no.8, 2021 (SCI-Expanded)

Articles Published in Other Journals

- I. **Deep hybrid models for CT images to detect COVID-19: A comparison of transfer learning approach**
Erdem E., Aydın T.
Journal of Soft Computing and Artificial Intelligence, vol.2, no.2, pp.56-68, 2021 (Peer-Reviewed Journal)
- II. **A CNN-based hybrid model to detect Coronavirus disease**
ERDEM E., AYDIN T.
European Journal of Science and Technology, no.27, pp.66-73, 2021 (Peer-Reviewed Journal)
- III. **Detection of Pneumonia with a Novel CNN-based Approach**
Erdem E., Aydın T.
Sakarya University Journal of Computer and Information Sciences, vol.4, no.1, pp.26-34, 2021 (Peer-Reviewed Journal)
- IV. **A comparison of various supervised machine learning techniques for prostate cancer prediction**
ERDEM E., BOZKURT F.
European Journal of Science and Technology, no.21, pp.610-620, 2021 (Peer-Reviewed Journal)
- V. **Göğüs Kanseri Histopatolojik Görüntü Sınıflandırması**
Erdem E., Aydın T.
Bilişim Teknolojileri Dergisi, vol.14, no.1, pp.87-94, 2021 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Artificial Neural Network-Based Approaches to Improve Classification of Skin Lesions**
ERDEM E., AYDIN T.
2023 Medical Technologies Congress (TIPTEKNO) , Gazimagusa, Cyprus (Kktc), 10 - 12 November 2023, pp.1-4
- II. **COVIDSepNet for AUTOMATIC DETECTION of COVID-19**
ERDEM E., AYDIN T., ERKAYMAN B.
ISARC 3. ULUSLARARASI TRAKYA BİLİMSEL ARAŞTIRMALAR KONGRESİ, 25 - 26 November 2023, pp.255-269

Tasks In Event Organizations

Keskenler M. F., Çelik E., Bozkurt F., Kılıç R., Erdem E., Dinç B., Albayrak Ünal Ö., Kılıç R., 16. Ulusal Yazılım Mühendisliği Sempozyumu (UYMS), Scientific Congress, Erzurum, Turkey, Mart 2023

Metrics

Publication: 13

Citation (WoS): 3

Citation (Scopus): 5

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