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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: HKM-7324-2023

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Education Information

Doctorate, Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, Turkey 2021 - Continues

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği Anabilim Dalı, Turkey 2019 - 2021

Undergraduate, Erciyes University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 2013 - 2019

Certificates, Courses and Trainings

IT, Fundamentals of Deep Learning, NVIDIA DEEP LEARNING INSTITUTE, 2021

Dissertations

Postgraduate, Bulut Tabanlı Derin Öğrenme Kullanarak İnsansız Hava Araçları için Gerçek Zamanlı Nesne Algılama, Ataturk University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği Anabilim Dalı, 2021

Research Areas

Computer Vision, Artificial Intelligence, Computer Learning and Pattern Recognition, Human Computer Interaction, Pattern Recognition and Image Processing, Neural Networks

Academic Titles / Tasks

Research Assistant, Erzincan Binali Yıldırım University, Mühendislik-Mimarlık Fakültesi, Bilgisayar Mühendisliği Bölümü, 2020 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. Accurate diagnosis of COVID-19 from lung CT images using transfer learning

Taş H. G., Taş M. B. H., İrgül B., Aydın S., Kuyruklu Yıldız U.

EUROPEAN REVIEW FOR MEDICAL AND PHARMACOLOGICAL SCIENCES, vol.28, no.3, pp.1213-1226, 2024 (SCI-

Expanded)

II. Evaluation of Tree-Based Machine Learning and Deep Learning Techniques in Temperature-Based Potential Evapotranspiration Prediction

AKAR F., KATİPOĞLU O. M., Yeşilyurt S. N., Han Taş M. B.

Polish Journal of Environmental Studies, vol.32, no.2, pp.1009-1023, 2023 (SCI-Expanded)

Articles Published in Other Journals

I. Ağır Akut Solunum Yolu Yetersizliği Sendromu Koronavirüsü 2 (SARS-CoV-2) Dünya Çapındaki Analizi ve Gelecekteki Durumu

TAŞ M. B. H., YAĞANOĞLU M.

European Journal of Science and Technology, no.20, pp.248-253, 2020 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. Traffic Light Control with Policy Gradient-Based Reinforcement Learning

TAŞ M. B. H., ÖZKAN K., SARIÇİÇEK İ., YAZICI A.

The 32nd IEEE Conference on Signal Processing and Communications Applications, Mersin, Turkey, 15 - 18 May 2024, vol.32, pp.1-4

II. Real-Time Puddle Detection Using Convolutional Neural Networks with Unmanned Aerial Vehicles

Taş M. B. H., Irmak M. C., Turan S., Haşiloğlu A.

6 th International Conference on Computer Science and Engineering, Ankara, Turkey, 15 - 17 September 2021, vol.6, pp.598-602

III. Emotion Analysis from Facial Expressions Using Convolutional Neural Networks

Irmak M. C., Taş M. B. H., Turan S., Haşiloğlu A.

6 th International Conference on Computer Science and Engineering, Ankara, Turkey, 15 - 17 September 2021, vol.6, pp.570-574

IV. Comparative Breast Cancer Detection with Artificial Neural Networks and Machine Learning Methods

Irmak M. C., Taş M. B. H., Turan S., Haşiloğlu A.

The 29th IEEE Conference on Signal Processing and Communications Applications (SIU2021), İstanbul, Turkey, 9 - 11 June 2021, pp.1-4

Supported Projects

Bayındır L., Bayrak M. Y., Çeşme İ. H., Haşiloğlu A., Taş M. B. H., Irmak M. C., Project Supported by Higher Education Institutions, "Educational autonomous vehicle kit" and "rotary wing unmanned aerial vehicle capable of target detection and tracking", 2020 - 2021

Haşiloğlu A., Bayındır L., Taş M. B. H., Irmak M. C., Project Supported by Higher Education Institutions, "Unmanned Aerial Vehicle with Autonomous Flight and Object Transport Features" and "Smart Medicine Box", 2020 - 2020

Metrics

Publication: 7

Citation (Scopus): 4

H-Index (Scopus): 1