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International Researcher IDs

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Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Turkey 2023 - Continues

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Turkey 2020 - 2023

Undergraduate, Karabuk University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 2015 - 2020

Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, Yazılım Mühendisliği, 2023 - Continues

Articles Published in Other Journals

I. **Ensemble Methods-Based Melanoma Classification in Imbalanced Datasets**

Kanca E., Ayas S.

Karadeniz Fen Bilimleri Dergisi, vol.12, no.2, pp.1122-1137, 2022 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **Performance Comparison of Vision Transformer-Based Models in Medical Image Classification**

Kanca E., Ayas S., Baykal Kablan E., Ekinci M.

31. IEEE Sinyal İşleme ve İletişim Uygulamaları Kurultayı, İstanbul, Turkey, 5 - 08 July 2023, pp.1-4

II. **Implementation of Fast Gradient Sign Adversarial Attack on Vision Transformer Model and Development of Defense Mechanism in Classification of Dermoscopy Images**

Kanca E., Ayas S., Baykal Kablan E., Ekinci M.

31. IEEE Sinyal İşleme ve İletişim Uygulamaları Kurultayı, İstanbul, Turkey, 5 - 08 July 2023, pp.1-4

III. **Classification of Skin Lesions from Dermoscopic Images using CoAtNet**

Kanca E., Ayas S.

10th International Conference on Advanced Technologies, Van, Turkey, 25 - 27 November 2022, pp.1-4

IV. **Learning Hand-Crafted Features for K-NN based Skin Disease Classification**

KANCA E., AYAS S.

2022 International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA), Ankara, Turkey, 9 - 11 June 2022, pp.1-4

V. **An Ensemble of Fully Convolutional Neural Networks for Automatic Skin Lesion Segmentation**

Kanca E., AYAS S.

Medical Technologies Congress (TIPTEKNO), Antalya, Turkey, 31 October - 02 November 2022

Scientific Research / Working Group Memberships

Uygulamalı Yapay Zeka, Karadeniz Technical University, Turkey, <https://avesis.ktu.edu.tr/arastirma-grubu/aai>, 2023 -
Continues