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Publons / Web Of Science ResearcherID: AAS-9054-2021

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Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Deep learning-based breast cancer diagnosis with multiview of mammography screening to reduce false positive recall rate**
Karagöz M. A., Nalbantoglu O. U., Karaboga D., Basturk Akay B., Basturk A., Ulutabanca H., DOĞAN S., Coskun D., DEMİR O.
Turkish Journal of Electrical Engineering and Computer Sciences, vol.32, no.3, pp.382-402, 2024 (SCI-Expanded)
- II. **A self-supervised learning model based on variational autoencoder for limited-sample mammogram classification**
KARAGÖZ M. A., NALBANTOĞLU Ö. U.
Applied Intelligence, vol.54, no.4, pp.3448-3463, 2024 (SCI-Expanded)
- III. **A comparative study of YOLO models and a transformer-based YOLOv5 model for mass detection in mammograms**
COŞKUN D., KARABOĞA D., BAŞTÜRK A., AKAY B., NALBANTOĞLU Ö. U., DOĞAN S., Paçal İ., KARAGÖZ M. A.
Turkish Journal of Electrical Engineering and Computer Sciences, vol.31, no.7, pp.1294-1313, 2023 (SCI-Expanded)
- IV. **An unsupervised transfer learning model based on convolutional auto encoder for non-alcoholic steatohepatitis activity scoring and fibrosis staging of liver histopathological images**
KARAGÖZ M. A., AKAY B., BAŞTÜRK A., KARABOĞA D., NALBANTOĞLU Ö. U.
Neural Computing and Applications, vol.35, no.14, pp.10605-10619, 2023 (SCI-Expanded)
- V. **Taxonomic classification of metagenomic sequences from Relative Abundance Index profiles using deep learning**
KARAGÖZ M. A., NALBANTOĞLU Ö. U.
Biomedical Signal Processing and Control, vol.67, 2021 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Deep Learning Based Steatosis Quantification of Liver Histopathology Images Using Unsupervised Feature Extraction**
KARAGÖZ M. A., KARABOĞA D., AKAY B., BAŞTÜRK A., Nalbantoglu O. U.
2nd International Conference on Computing and Machine Intelligence, ICMI 2022, İstanbul, Turkey, 15 - 16 July 2022
- II. **RAPID PATHOGEN DETECTION OF USING CONVOLUTIONAL NEURAL NETWORKS ON METAGENOMICS DATA**
Karagöz M. A., Nalbantoğlu Ö. U.

HIBIT 19- THE 12TH INTERNATIONAL SYMPOSIUM ON HEALTH INFORMATICS AND BIOINFORMATICS, İzmir,
Turkey, 17 October 2019, pp.130-131

III. TAXONOMIC ANALYSIS OF MICROBIOTA DATA BASED ON RELATIVE ABUNDANCE INDEX ALGORITHM

Karagöz M. A., Nalbantoğlu Ö. U.

Uluslararası XXXVIII. TMC Kongresi , Antalya, Turkey, 4 - 08 November 2018, pp.381-382

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