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Published journal articles indexed by SCI, SSCI, and AHCI

- I. **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)
- II. **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)
- III. **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)
- IV. **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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Publication: 7

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