

Special Issue

Machine Learning Techniques to Diagnose Breast Cancer

Message from the Guest Editors

Machine learning, especially artificial intelligence, has significant applications in the detection and diagnosis of breast cancer. Radiomics and deep learning utilize a combination of huge amounts of multi-modal data and better calculation methods to motivate the development of analytical techniques of medical figures of breast cancer. Machine learning will affect all perspectives of the course of medication of breast cancer patients based on images, including detection, diagnosis, prognosis, evaluation of therapeutic reaction, risk analysis, etc. In current researches, the main method used is the open-source artificial intelligence method. The Special Issue 'Machine Learning Techniques to Diagnose Breast Cancer' aims to illustrate the development of machine learning methods in clinical breast cancer and the new applications involved in all processes of diagnosis and therapy of breast disease patients from a combination of radiomics and machine learning methods. It also seeks to provide a reference for clinical application for the researchers.

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Deadline for manuscript submissions

closed (31 July 2023)



Bioengineering

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 5.3
Indexed in PubMed



mdpi.com/si/154614

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