

Special Issue

Machine Learning Methods in Biomedical Imaging

Message from the Guest Editors

The field of biomedical imaging is ever-growing with new applications proposed and adopted each year in all aspects of healthcare and biomedical research. The complexity and interconnectedness of the information contained in the biomedical imaging ecosystem has enhanced the clinical decision process, and has diversified the scientific method and how it is applied to medicine and research. The global expanse machine learning applications in biomedical imaging research is a testament to the resources that the scientific community is vesting towards overcoming the challenges of bringing these paradigm changing advances from research laboratories to clinical applications. In this special issue “Machine Learning Methods in Biomedical Imaging”, we captured a snapshot of current efforts that are being made to commit these algorithms to a new evolution step in healthcare standards, one where the clinical process is enhanced by the sublimation of prior knowledge.

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