Advances in Medical Imaging and Machine Learning

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Message from the Guest Editors

This Special Issue aims to address the gap between medical imaging and cutting-edge machine learning algorithms. Medical imaging plays a crucial role in modern healthcare by enabling the non-invasive visualization and diagnosis of various diseases and conditions.

Machine learning techniques offer promising solutions to some of these challenges by automating the process of image analysis, enhancing the accuracy of diagnosis, and unlocking valuable insights from medical data. By leveraging algorithms that are capable of learning patterns and relationships within vast datasets, machine learning enables healthcare professionals to extract actionable information, predict the progression of disease, and personalize treatment strategies.

This Special Issue seeks to explore the intersection of medical imaging and machine learning, thus fostering interdisciplinary collaboration between researchers, clinicians, and engineers.

We would like to invite you to submit original research articles, reviews, and perspectives that showcase innovative approaches, practical applications, and critical insights in this rapidly evolving field.

Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

The imaging term, specific with journal, is to be considered in its broadest sense. Image processing, image understanding and computer vision are all terms related to imaging acquisition, its processing and the extraction of relevant information from the scene to obtain the underlying knowledge. All tasks related to the above items are oriented toward specific applications in a broad range of areas and topics. The *Journal of Imaging* is conceived as an efficient vehicle in the scientific community for the communication and transmission of the progress and research results in the topics covered.

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