

Special Issue

Research Progress in Medical Image Analysis

Message from the Guest Editors

We are pleased to announce a Special Issue of *Applied Sciences* focusing on the latest advancements in medical image analysis. As , we invite researchers and professionals from academia and industry to contribute their original research, reviews, and perspectives to this interdisciplinary field. Medical image analysis plays a pivotal role in modern healthcare, facilitating the early detection of disease, treatment planning, and patient monitoring. With the rapid evolution of imaging technologies such as MRI, CT, PET, and ultrasound, there is a growing demand for innovative computational methods that are able to extract meaningful information from these images. This Special Issue aims to showcase innovative research and advancements in medical image analysis via the publication of studies on the following topics:

- *Machine Learning and Deep Learning Approaches.*
- *Image Registration and Fusion.*
- *Image Segmentation and Feature Extraction.*
- *Computer-Aided Diagnosis.*
- *Image-Guided Interventions.*
- *Quantitative Imaging Biomarkers.*

We welcome submissions that demonstrate theoretical advancements, practical applications, and translational research in medical image analysis.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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