Special Issue

Artificial Intelligence Integration in Medical Imaging

Message from the Guest Editors

Artificial Intelligence (AI) has emerged as a transformative force in the field of medical imaging, offering new possibilities for diagnosis, prognosis, treatment planning, and workflow optimization. By harnessing techniques such as deep learning, computer vision, and generative modeling, AI systems can analyze complex imaging data with unprecedented accuracy and efficiency, supporting clinicians in making more informed decisions and improving patient outcomes. This Special Issue seeks to explore cutting-edge research, novel methodologies, and practical applications of AI in medical imaging across various domains. We invite original research articles, reviews, and case studies that address the development, validation, and clinical implementation of AI technologies in medical imaging. Interdisciplinary contributions that connect AI with real-world data, regulatory perspectives, or clinical trials are especially welcome.

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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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