

Special Issue

Applications of Artificial Intelligence in Medical Imaging

Message from the Guest Editor

Medical imaging aims to improve the diagnostic performance of various diseases and to help us to understand the underlying pathophysiology. Artificial intelligence (AI) is the new frontier in medical imaging offering innovative solutions in multiple tasks, such as reconstruction, segmentation, registration, and computer-aided diagnosis. The field of AI itself is rapidly evolving with new, exciting advancements, such as explainable AI and artificial general intelligence (AGI). The scope of this Special Issue is to translate recent advancements in the field of AI into medical imaging aiming to diagnose diseases earlier and more accurately, facilitate drug discovery, and enable personalized patient therapy.

Guest Editor

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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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