Special Issue

Recent Advances in Biomedical Image Processing

Message from the Guest Editors

We invite submissions exploring cutting-edge research and recent developments in the field of biomedical image processing. Advances in biomedical imaging, including digital radiography; X-ray computed tomography (CT); nuclear (positron emission tomography—PET); ultrasound; optical and magnetic resonance imaging (MRI); as well as a variety of new microscopies, including whole slide imaging (WSI) in digital pathology, have resulted in a range of research and clinical analysis methods. Imaging can provide unique information and quantitative descriptions of tissue composition, morphology, as well as biological structures and functions. This information may give new insights into the causes of different diseases and presents enormous opportunities to develop and test new and more effective treatments that may revolutionize patient care. The challenge is to exploit this information effectively in order to process and model all the acquired data. This Special Issue will present state-of-the-art processing techniques to analyze this information coming from different biomedical image sources.

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Deadline for manuscript submissions

closed (30 September 2021)

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.

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