

Special Issue

Medical Image Analysis

Message from the Guest Editors

Medical Image Analysis has commonly enjoyed leveraging and incorporating techniques from the wider field of Computer Vision. On the one hand, compared to natural images (photography), medical images often present relatively lower variability of anatomy, orientation, and field-of-view; on the other hand, clinical applications necessitate much stricter requirements on accuracy. In this Special Issue, we aim to cover recent advances and applications in Medical Image Analysis. We welcome submissions on topics including, but not limited to, the following:

- Novel applications of deep or machine learning
- Applications in medical imaging, acquisition, reconstruction, denoising, super-resolution, segmentation, registration, tracking, and others
- Novel medical imaging techniques and markers
- Applications in different medical image modalities, including MR, X-ray, PET, US imaging

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About the Journal

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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