Special Issue

Medical Image Classification and Segmentation: Progress and Challenges

Message from the Guest Editors

Medical imaging is one of the cornerstones of modern medical diagnostics. It originated in the field of radiology, and includes various technologies such as X-ray imaging, radionuclide imaging, ultrasound imaging, magnetic resonance imaging, optical imaging, mass spectrometry imaging, bioelectric/magnetic imaging, and electron microscopy imaging. In recent decades, with the rapid development of hyperspectral cameras and artificial intelligence, hyperspectral imaging (HSI) has become an emerging and promising medical auxiliary diagnostic technology. This Special Issue aims to collate papers that address the aforementioned challenges, and highlights the recent research findings and developments in the field of medical image classification and segmentation. We also welcome submissions of manuscripts on aspects closely related to the scope of this Special Issue (e.g., image registration, image reconstruction, feature extraction, feature selection, etc.).

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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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