



## New Perspectives in Medical Image Analysis

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### Message from the Guest Editor

Dear Colleagues,

With recent advances in both medical imaging modalities and image analysis techniques, the field of medical imaging has evolved into a new era. Nowadays, radiologists do not simply look at medical images to localize bone fractures or tumors, but more ambitiously aim to identify findings of more subtlety, such as organ function, diseases with little or no structural abnormality, or the recovery of a disease being treatment. These aims can be achieved with medical image analysis, a subject that combines expertise from a variety of disciplines, including mathematics, computer science, physics and medicine. In this Special Issue, we aim to present a selection of high-quality studies that demonstrate the use of medical image analysis to improve diagnostic capability for a significant disease, or to reveal important or interesting physiologic or microstructural features of organs or tissues.

Dr. Jeff L. Zhang  
*Guest Editor*





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## 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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