Special Issue

Deep Learning Models for Medical Imaging Processing

Message from the Guest Editor

The images recorded from the subjects using different medical imaging modalities provide valuable information for diagnosing various ailments. Artificial intelligence (AI) based automated diagnosis systems are widely used to assist medical professionals in diagnosing different diseases using medical images. In recent years, deep learning methods are popular for medical image processing applications such as the segmentation of medical images, the medical image quality assessment, the automated detection of different pathologies using medical images, etc.

This special issue will help to demonstrate the application of deep learning techniques for the processing of different types of medical images such as X-ray images, Ultrasound images, thermal images, fundus images, optical tomography (OCT) images, echocardiography images, magnetic resonance imaging, positron emission tomography (PET), etc. This special issue welcomes high-quality original research papers and review papers on the application of deep learning for medical image processing.

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