

Special Issue

Artificial Intelligence-Based Applications in Medical Imaging

Message from the Guest Editors

This Special Issue will focus on AI-based solutions and applications developed to meet the challenges of medical image processing, analysis and classification. We welcome submissions of original research articles, case studies, and critical reviews on a wide range of topics including, but not limited to: 2D/3D/4D image segmentation using deep learning; Artificial Intelligence solutions for the analysis of X-ray images; AI-based detection and classification of knee diseases; Biometric recognition system using deep learning; AI-based reconstruction, segmentation, registration, and classification of MRI images; Artificial Intelligence in lung tumor/cancer imaging diagnoses; AI applications in molecular imaging and nuclear medicine; AI models for imaging diagnosis; AI-aided diagnosis for liver tumors in ultrasonography; Breast imaging studies using Artificial Intelligence; AI-based automated detection of particles in 2D and 3D images.

Guest Editors

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Dr. Qian Peter Su

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Deadline for manuscript submissions

closed (15 April 2023)



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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

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