

Special Issue

Biomedical Image Processing Based on Artificial Intelligence and Pattern Recognition Using Sensors

Message from the Guest Editors

With the recent advanced in artificial intelligence technologies such as deep learning and machine learning, as well as the pattern recognition algorithm, biomedical image processing has been rapidly witnessed a tremendous development of new and advanced tools and instruments for collecting, recognizing, storing, transmitting, analyzing, and displaying medical images. This change has led to significant growth of application in the multiple fields for solving specific biomedical problems including but not limited to recognition, segmentation, parsing, visualization, feature extraction, image-guided surgery, shape measurements, computer modelling and simulation, modeling for virtual and augmented reality, telemedicine, etc. The journal specialized in research related to the applications of pattern recognition, AI, computer vision, and virtual reality to biomedical image progressing problems. We accept papers that cover the development and implementation of algorithms and strategies to tackle and solve state-of-the-art problems in the field.

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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.

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