Special Issue

Biomedical Sensing System Based on Image Analysis

Message from the Guest Editors

We welcome the submission of manuscripts to our Special Issue on (but not limited to) the following topics:

- Test and analysis of the application effect of medical image key point detection algorithms, medical image segmentation algorithms, and medical image target classification algorithms;
- Application of artificial intelligence in the digital measurement of human anatomy, diagnosis of coronary heart disease, pulmonary nodules, and spinal measurement;
- Calculation of the risk of disease or other unexpected events for healthy people or patients based on medical images;
- Use of real-time medical images to detect disease in patients, so as to assist treatment or provide an early warning of changes in patients' conditions;
- Perform diagnosis and differential diagnosis through medical images during the course of the disease, assist in the formulation of medical plans, and predict the prognosis of patients;
- Based on medical images, evaluate the information that is difficult to obtain manually on images, including molecular biological characteristics and metabolites;
- New methods for semi-automatic or fully automatic medical information extraction.

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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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