

Special Issue

Biomedical Imaging, Sensing and Signal Processing

Message from the Guest Editor

Biomedical imaging is a dynamic field that has led to significant improvements in our understanding of body and brain functions, the development of medicine, the development of rehabilitation methods, and many other areas relevant to health and wellbeing. Biomedical imaging includes a diverse array of modalities such as X-rays, magnetic resonance imaging (MRI), computed tomography (CT), ultrasound, electroencephalograms (EEGs), functional near-infrared spectroscopy (fNIRS), and positron emission tomography (PET). These imaging techniques provide detailed visualizations of internal anatomical structures, facilitating non-invasive diagnosis and precise medical interventions. Sensing technologies enable us to capture real-time data related to physiological states, biomarkers, and environmental factors.

Guest Editor

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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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