

Special Issue

Biomedical Sensing and Imaging

Message from the Guest Editors

Biomedical sensing and imaging are technologies by which biomedical information is acquired and processed, which are of great significance for the early detection, rapid diagnosis and precise treatment of diseases. Biomedical sensing and imaging involve multiple disciplines, including electronic information technology, biomedical technology, artificial intelligence and more. During past years, considerable research efforts have been devoted to biomedical sensing and imaging. Common biomedical sensing technologies, such as electroencephalogram (EEG), electrocardiogram (ECG) and invasive ultrasound (IVUS), have been successfully applied in clinical medicine. The aim of this Special Issue is to provide a research forum in biomedical sensing and imaging and to extend the scientific frontier of this very important and significant biomedical endeavor. The main topic is related but not limited to:

- biosensing and bioelectronics
- biomedical imaging
- bio-diagnostics
- artificial intelligence for biomedical applications
- imaging algorithms related to biomedical applications
- wearable biosensors and devices

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Biosensors is a leading journal, devoted to fast publication of the latest achievements, technological developments and scientific research in the exciting multidisciplinary area of biosensors. Both experimental and theoretical papers are published, including all aspects of biosensor design, technology, proof of concept and application. Special issues are devoted to specific technologies and applications, and a selection of the most outstanding papers each year is recognized. Pushing the boundaries of the discipline, we invite original papers, as well as timely reviews on cutting edge fields within the subject area.

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