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Biomedical Sensing and Imaging

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Message from the Guest Editors

Dear Colleagues,

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



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Special Issue



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Message from the Editor-in-Chief

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