Sensors and Signal Processing for Biomedical Application

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Message from the Guest Editors

Dear Colleagues,

With the rapid growth in the applications of the IoT and wearable devices in the healthcare and medical industry, advanced sensing technology and biomedical signal processing now play a vital role in the development of innovative and diagnostically useful approaches to preventive and remote medicine. AI and deep learning have also gained popularity in the analysis of biomedical signals and the design of support diagnostic and decision-making systems. The aim of this Special Issue is to identify novel research regarding all aspects of smart sensors and advanced signal processing techniques with their applications in healthcare. Specific and potential topics include but are not limited to:

- Noninvasive sensors or sensor arrays in medical IoT and wearable devices;
- Time domain, frequency domain and time–frequency domain analyses of biomedical signals;
- Intelligent healthcare systems;
- Machine learning and deep learning for biomedical signals and images with applications into healthcare;
- Diagnostic, guiding therapy, patient monitoring, decision-making, and risk assessment for clinical applications.

Special Issue

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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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