

Special Issue

Sensing Signals for Biomedical Monitoring—2nd Edition

Message from the Guest Editor

Biomedical monitoring sensors serve as the vital interface between the human body and advanced analytical systems, meticulously detecting and recording a diverse array of physiological signals. These encompass fundamental indicators such as heart rate and blood pressure, intricate neurological activity, respiratory patterns, biochemical markers, and beyond.

However, the inherent complexity and variability of these signals necessitate the application of sophisticated signal processing methodologies, cutting-edge artificial intelligence algorithms, and robust data analytics frameworks. Furthermore, the seamless integration of advanced sensing technologies, efficient data acquisition systems, and user-friendly interfaces is paramount for the widespread adoption and clinical utility of biomedical monitoring solutions.

In this context, we cordially invite you to contribute to this pivotal second edition under the overarching theme of “Sensing Signals for Biomedical Monitoring.” We welcome submissions that showcase original research, insightful practice papers, and comprehensive systematic reviews that address the multifaceted landscape of biomedical monitoring.

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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