

Special Issue

Sensors for Human Health Monitoring Based on Biomedical Signals: From New Perception to Intelligent Diagnosis

Message from the Guest Editor

This Special Issue aims to explore innovative sensing technologies, methods, and approaches applied throughout the entire chain of human health and disease monitoring (including, but not limited to, physiological signal acquisition, pathological feature identification, disease risk warning, treatment response evaluation, and rehabilitation tracking). The core focus is on utilizing biomedical signals (such as electrophysiological, biochemical, mechanical, optical, acoustic, etc.) for non-invasive/minimally invasive, continuous, and dynamic monitoring, and exploring how advanced signal processing, data fusion, and artificial intelligence technologies can enhance the quality, interpretability, and ultimately the level of intelligent assistance in diagnosis of sensor data.

Guest Editor

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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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