

Special Issue

Sensors for Wearable Medical Devices and Rehabilitation Treatments

Message from the Guest Editors

Wearable medical devices and rehabilitation treatments often rely on sensors to collect data and monitor patients' health conditions in real-time. These devices are designed to be worn on the body or integrated into clothing or accessories, enabling continuous monitoring of various health parameters or providing medical interventions. The wearable devices are usually non-invasive, comfortable, and offer convenience for both patients and healthcare providers. They can monitor various physiological parameters, such as blood pressure, respiration, temperature, electrocardiogram (ECG), electroencephalography (EEG), sleep patterns, etc. Indicative examples of wearable medical devices include fitness trackers, smartwatches with ECG, continuous glucose monitors, wearable blood pressure monitors, wearable neurostimulation devices, and other sensors embedded on clothing.

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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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