

Special Issue

Wearable Sensors for Gait, Human Motion and Health Monitoring

Message from the Guest Editor

Wearable sensing technologies are rapidly transforming the monitoring of gait, human motion, and health-related parameters. This Special Issue focuses on advances in wearable sensors, smart sensing systems, and data-driven methods for continuous, remote, and personalized health monitoring. In telemedicine and precision medicine, wearable devices enable unobtrusive, real-time acquisition of motion and physiological data, supporting early disease detection, rehabilitation, and clinical decision-making.

We welcome original research and review articles on wearable sensor design, multimodal sensing and data fusion, and AI-based approaches for motion analysis and health assessment. Emphasis is placed on robust and scalable solutions for real-world deployment.

Topics of interest include, but are not limited to, gait and posture analysis, activity recognition, movement disorder monitoring, rehabilitation technologies, digital biomarkers, and AI-enabled health analytics.

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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