Special Issue

Intelligent Wearable Sensor-Based Gait and Movement Analysis

Message from the Guest Editors

With the recent growth in technology, wearable technologies are now being widely used for human motion analysis and gait analysis. Wearable smart devices can be applied in new sensing technologies and transducers, signal processing, and artificial intelligence, making them attractive in biomechanics contexts for real-time analysis. This Special Issue aims to show how intelligent and wearable sensors can be used for human movement, gait analysis, and smart health monitoring. The topics of interest include but are not limited to:

- Gait analysis;
- Human movement analysis;
- Wearable sensors;
- Sensing technologies
- Sensor signal processing;
- Health monitoring systems;
- Rehabilitation;
- Biomechanics.

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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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