

Special Issue

Assistive and Rehabilitation Technologies Based on Intelligent Sensors

Message from the Guest Editors

The increase in the elderly population and rising prevalence of chronic conditions require advancements in assistive and rehabilitation technologies. Intelligent sensors play a pivotal role in the development of such technologies as they allow the patient to be monitored while offering the possibility of implementing smart control strategies for more fluent human–device interaction. This Special Issue aims to explore how intelligent sensors are being leveraged to create smarter assistive and rehabilitation devices. The Special Issue welcomes contributions from the academic community in the following areas:

- Sensor-based technologies for balance maintenance, gait and physical activity assessment.
- Intelligent prosthetics and active orthotics.
- Embedded systems for rehabilitation monitoring.
- Human–computer interfaces and interactions for assistive technologies.
- Physical-based and data-driven solutions for assistive device prototyping

Guest Editors

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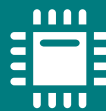
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Message from the Editor-in-Chief

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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