

Special Issue

Wearable Sensors for Rehabilitation and Remote Health Monitoring

Message from the Guest Editor

"Wearable Sensors for Rehabilitation and Physical Therapy" focuses on developing and validating innovative sensor-based solutions to support (tele)rehabilitation. It will cover topics, including novel sensor technologies for assessing the quality and quantity of motion during rehabilitation, integrating wearable devices into clinical workflows, and algorithmic approaches used to analyze and interpret sensor data. Importantly, as these technologies advance, they must undergo rigorous validation to ensure their reliability in healthcare settings, especially when coupled with clinical evaluations. This issue will also highlight the importance of building robust databases and pipelines to integrate these new solutions into clinical practice, facilitating the synchronization of telerehabilitation, telemonitoring, and conventional care. This Special Issue is intended to be inter- and multidisciplinary, addressing the diverse aspects of this rapidly expanding field. We invite contributions that explore the intersection of technology and healthcare, ensuring that these innovative solutions can be validated and applied to improve patient outcomes in rehabilitation and physical therapy.

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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