

sensors



an Open Access Journal by MDPI

IoT-Based Wearable Sensors and Health and Performance Monitoring in the Home and Hospital-Based Rehabilitation

Guest Editors:

Dr. Yeon Sik Noh

Department of Electrical and
Computer Engineering, College
of Nursing, University of
Massachusetts Amherst,
Amherst, MA 01003, USA

Dr. Sungjae Hwang

Department of Kinesiology,
University of Maryland Eastern
Shore, Princess Anne, MD 21853,
USA

Deadline for manuscript
submissions:

31 August 2024

Message from the Guest Editors

This Special Issue aims to put together original research and review articles on recent advances, technologies, solutions, applications, and new challenges in the field of rehabilitation engineering research.

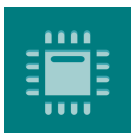
The potential topics include, but are not limited to:

- Internet of Things (IoT)-based health monitoring;
- Wearable sensors for electrophysiological and motor monitoring;
- Home and hospital-based rehabilitation settings;
- Remote and mobile rehabilitation;
- Aquatic therapy and rehabilitation;
- Digital health technology;
- Technology for adherence to and effectiveness of home/remote/hospital therapeutic exercise;
- User-/patient-centered rehabilitation programs and protocols;
- Computer-assisted rehabilitation tools;
- Exoskeleton;
- Posture and balance.



mdpi.com/si/190585

Special Issue



sensors



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria
Elettrica e dell'Informazione
(Department of Electrical and
Information Engineering),
Politecnico di Bari, Via Edoardo
Orabona n. 4, 70125 Bari, Italy

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.

Author Benefits

Open Access : free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Ei Compendex](#), [Inspec](#), [Astrophysics Data System](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Instruments & Instrumentation*) / CiteScore - Q1 (*Instrumentation*)

Contact Us

Sensors Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sensors
sensors@mdpi.com
[X@Sensors_MDPI](#)