

Special Issue

Sensors for Wearable Medical Devices and Rehabilitation Treatments

Message from the Guest Editors

Wearable medical devices and rehabilitation treatments often rely on sensors to collect data and monitor patients' health conditions in real-time. These devices are designed to be worn on the body or integrated into clothing or accessories, enabling continuous monitoring of various health parameters or providing medical interventions. The wearable devices are usually non-invasive, comfortable, and offer convenience for both patients and healthcare providers. They can monitor various physiological parameters, such as blood pressure, respiration, temperature, electrocardiogram (ECG), electroencephalography (EEG), sleep patterns, etc. Indicative examples of wearable medical devices include fitness trackers, smartwatches with ECG, continuous glucose monitors, wearable blood pressure monitors, wearable neurostimulation devices, and other sensors embedded on clothing.

Guest Editors

Dr. Georgios Dimitrakopoulos

Bioinformatics and Human Electrophysiology Laboratory, Department of Informatics, Ionian University, 49100 Corfu, Greece

Prof. Dr. George Matsopoulos

BIO-Medical Informatics Group, National Technical University of Athens, Athens, Greece

Deadline for manuscript submissions

closed (25 March 2025)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 9.4
Indexed in PubMed



mdpi.com/si/175770

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)





Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 9.4
Indexed in PubMed



[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 Bari, Italy

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 and Instrumentation) / CiteScore - Q1 (Instrumentation)