

Special Issue

Remote Healthcare with Sensors and Internet of Things

Message from the Guest Editor

There is an ongoing and growing interest in remote health monitoring. For people with chronic health problems, monitoring their disease progression remotely is critical for clinicians to provide evidence-based and timely treatment. Sensor-based solutions, such as continuous blood glucose monitoring devices, smart inhalers and wearable biosensors, were some examples developed to assist data-driven treatment. The rapid development of Internet of Things (IoT) solutions in recent years provides an immense opportunity to collect and disseminate health data in a central data platform for outcome measures and, in some cases, leads to new treatments. Therefore, novel sensing targeting medical applications combined with the fusion of IoT technologies have now become key for remote health monitoring. This Special Issue will address topic areas that support remote health monitoring utilizing biomedical sensors via the IoT. This can include early-stage engineering, information communication and technology development, or later-stage applied patient trials.

Guest Editor

Prof. Dr. Liudi Jiang

Mechanical Engineering Department, Faculty of Engineering and Physical Sciences, School of Engineering, University of Southampton, Highfield Campus, Southampton SO17 1BJ, UK

Deadline for manuscript submissions

closed (25 November 2025)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/172968

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

mdpi.com/journal/sensors





Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
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

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