

Special Issue

Sensors-Enabled Assistive Technologies for Health Monitoring and Elderly Care

Message from the Guest Editors

Population aging has profound implications for healthcare systems worldwide. According to projections, the global population aged 65 years or older will grow from 10% in 2022 to 16% by 2050. This demographic shift presents numerous challenges, particularly for underserved groups such as low-income individuals, those in inadequate housing, those with disabilities or chronic health conditions, primary caregivers, and ethnic minorities or immigrants. These populations often encounter poor health outcomes and have limited access to healthcare services.

This Special Issue, titled 'Sensors-Enabled Assistive Technologies for Health Monitoring and Elderly Care,' aims to highlight innovative sensing technologies designed to meet the unique healthcare needs of older adults. Sensor-based assistive technologies offer potential solutions for maintaining health, independence, and quality of life among elderly populations, while also reducing the burden on formal healthcare systems and caregivers.

Guest Editors

Prof. Dr. Hongnian Yu

Prof. Dr. Shengfeng Qin

Prof. Dr. Yongqiang Cheng

Deadline for manuscript submissions

closed (1 May 2025)



Sensors

an Open Access Journal
by MDPI

Impact Factor 4.0
CiteScore 9.4
Indexed in PubMed



mdpi.com/si/186347

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 4.0
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)