

## 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.

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### Guest Editors

Prof. Dr. Hongnian Yu

Prof. Dr. Shengfeng Qin

Prof. Dr. Yongqiang Cheng

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### Deadline for manuscript submissions

closed (1 May 2025)



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*Sensors*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sensors@mdpi.com](mailto:sensors@mdpi.com)

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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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### 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

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