Special Issue

Sensors Applied in Healthcare

Message from the Guest Editors

The global healthcare system is facing challenges in the aging population, chronic diseases, pandemics, and the increase of medical service demand, high medical costs, and healthcare staffing shortages. The development of advanced health technology could be a solution and opportunity for the future of healthcare. This Special Issue invites original research or review articles on the development or advancement of sensor technologies or systems, innovative applications of sensors in solving or understanding healthcare problems, or on overcoming challenges in the healthcare system. Papers are solicited in, but not limited to, the following topics:

- New sensor technology for diagnostics, screening, or healthcare assessment;
- Sensors enabling the exploration of diseases or health issues;
- Wearable and implantable sensors for biomedical applications;
- Sensors to evaluate cardiovascular or chronic diseases:
- Wearable, remote sensors, or IoT for health or behavior tracking;
- Sensors and systems for sports or rehabilitation monitoring;
- Sensors for aging healthcare and pandemic management or control;
- Sensors to reduce cost and staffing burden in the healthcare system

Guest Editors

Dr. Duo Wai-Chi Wong

Department of Biomedical Engineering, Faculty of Engineering, The Hong Kong Polytechnic University, Hong Kong

Dr. Winson Lee

School of Mechanical, Materials, Mechatronic and Biomedical Engineering, University of Wollongong, Wollongong, NSW 2522, Australia

Deadline for manuscript submissions

closed (31 December 2021)



Sensors

an Open Access Journal by MDPI

Impact Factor 3.5 CiteScore 8.2 Indexed in PubMed



mdpi.com/si/85741

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



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)

