Special Issue

Personal Sensor Technologies for Physiological, Physical Activity and Air Pollution Exposure Assessments

Message from the Guest Editors

In this context, this Special Issue aims to connect researchers in the field of quantitative physiology, public health, and environmental engineering for the use of personal and wearable sensors. This issue will provide state-of-the-art method development and applications in the field of sensor-based measurements for supporting monitoring and assessments of physiological parameters, physical activity levels, athletic performance, air pollution exposures, and health outcomes. We will accept full-length research articles and reviews focused on this research topic. Topics of interests include, but are not limited to, the following: Wearable sensors technologies Physiological biometrics Physical activity Motion analysis Microenvironment modeling and monitoring Air pollution exposure assessments Health monitoring

Guest Editors

Prof. Dr. Michael S. Breen

Dr. Miyuki Breen

Dr. Vlad Isakov

Deadline for manuscript submissions

20 July 2025



Sensors

an Open Access Journal by MDPI

Impact Factor 3.5 CiteScore 8.2 Indexed in PubMed



mdpi.com/si/94147

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)

