

Special Issue

Advances in Sensors for Intelligent Personalized Monitoring and Therapy

Message from the Guest Editor

Personalized diagnostics and therapy, sometimes called individualized or precision medicine (PM), is an advancing field in research and medicine, that depends on non-intrusive monitoring and specialized informative sensor signals. Because an increasing need of patient specific data limits the advances and applicability of the emerging developments, such as digital twin approaches combined with system identification, we aim to collect the newest advances in research that builds on sensors for use in medical applications, their intelligent use and signal analysis. Application specific calibration techniques or situation specific active maneuvers for information gain are equally welcome as novel attempts of integrating devices with their embedded sensors into clinical workflows and demonstrating their medical benefits. Therefore, topics of interest include, but are not limited to, the following:

- Sensors and sensor fusion for intelligent monitoring;
- Sensors for digital twin approaches;
- Active generation of sensor-based information driven by medical needs.

Guest Editor

Prof. Dr. Knut Möller
Institute of Technical Medicine, Furtwangen University, 78054 Villingen-Schwenningen, Germany

Deadline for manuscript submissions

closed (20 November 2024)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/155624

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 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
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)