

Special Issue

Advances in Biomedical Sensing, Instrumentation and Systems

Message from the Guest Editor

The aim of this Special Issue is to collect relevant papers that deal with all aspects regarding the challenges and solutions in the development of sensing devices, their hardware, their communication requirements, and how the data thus acquired is processed to provide useful information to the user of the system, be it the subject itself or a qualified physician or technician. We thus seek papers that describe innovative developments in the acquisition of biomedical-related signals, their enabling technologies, and the interpretation of the data through automated techniques like machine learning and artificial intelligence. Submissions are encouraged which address topics including, but are not limited to, the following:

- Biosignal acquisition.
- Wearable devices.
- Portable sensors.
- Wireless sensors.
- Health tracking.
- Health monitoring.
- Sensor networks for biomedical signal acquisition.
- Machine learning for biomedical signal analysis.
- Automatic diagnosis and classification.

Guest Editor

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Deadline for manuscript submissions

closed (15 December 2023)



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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.

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