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Intelligent Sensors for Mobile Health Monitoring

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Deadline for manuscript
submissions:

closed (30 September 2023)

Message from the Guest Editors

Mobile health (mHealth) monitoring is a rapidly emerging area in the field of digital health, requiring seamless integration of mobile computing and health monitoring via distributed sensors. It exploits implantable, wearable, and ambient technologies to support vital-sign monitoring, care delivery and intervention, and facilitate communication between health care professionals and clients via mobile devices, such as smartphones and tablets.

Recent advancements in sensing technologies, low-powered integrated circuits, data processing, and wireless communication have enabled the development of low-cost, miniaturized, lightweight intelligent sensors that can be applied in mHealth monitoring. Moreover, the use of these sensors in recording, tracking, and monitoring vital physiological signs can be greatly enhanced by advanced data analytics and artificial intelligence (AI) techniques.

The goal of this Special Issue is to bring together scientists, engineers, researchers, and practitioners to share knowledge by publishing high-quality research articles in the areas of intelligent sensing technologies, data analytics, and AI techniques and their applications in mHealth monitoring.



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Special Issue



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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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