

Special Issue

Smartphone Application for Blood Pressure Monitoring

Message from the Guest Editor

We invite researchers, practitioners, and innovators to contribute their cutting-edge insights and discoveries to this Special Issue. Topics of interest include, but are not limited to, the following:

- Novel materials and sensor designs for accurate blood pressure monitoring.
- Development and evaluation of cuffless measurement systems integrated into smartwatches.
- Advanced signal processing techniques for extracting reliable blood pressure data from wearable devices.
- Comparative studies between traditional cuff-based methods and cuffless smartwatch systems.
- Reviews and meta-analyses elucidating the current landscape and future prospects of smartwatch-based blood pressure monitoring.

Your contributions will shape the discourse surrounding this highly contemporary issue, elucidating its significance in health monitoring and paving the way for future innovations in wearable health technology. Join us in exploring the transformative potential of smartwatches in revolutionizing blood pressure monitoring and enhancing personalized health care. Submit your papers and be part of this groundbreaking endeavor!

Guest Editor

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Deadline for manuscript submissions

closed (20 July 2025)



Sensors

an Open Access Journal
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Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



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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.

Editor-in-Chief

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