

Special Issue

Recent Advancements in Sensor Technologies for Healthcare and Biomedical Applications

Message from the Guest Editors

This Special Issue aims to provide an overview of recent advancements being made in the area of sensing technologies, including sensors and platforms with a focus on functional materials, sensing mechanisms, design principles, fabrication and characterization techniques, performance optimization (to reach the best reusability, stability, and sensitivity) methods, multifunctional and multiplex sensing platforms, and system integration strategies, which play a crucial role in many applications, such as point-of-care testing, drug discovery and drug delivery, precision medicine, medical imaging and non-destructive testing, and robotics-assisted minimally invasive/noninvasive surgery.

We invite you to submit original research and comprehensive review articles that address the subject of the current Special Issue to make the scientific community aware of the most recent results related to the broad, multidisciplinary subject of sensor technologies with applications to healthcare and biomedical contexts.

For more information, please visit the website. Please contact the or Assistant Editor (ava.jiang@mdpi.com) for any queries. <https://www.mdpi.com/si/107838>

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Deadline for manuscript submissions

closed (15 July 2022)



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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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