

Special Issue

Biosensors for Biomedical, Environmental and Food Applications

Message from the Guest Editor

This Special Issue aims to collect the latest advancements in biosensor technologies across the biomedical, environmental, and food sectors. As the demand for rapid, accurate, and portable detection systems grows, biosensors have emerged as transformative tools for real-time monitoring, diagnostics, and quality control. This Special Issue seeks to bring together cutting-edge research that explores novel biosensor designs, innovative materials, and signal transduction mechanisms. In the biomedical domain, we welcome studies that focus on point-of-care diagnostics, disease biomarker detection, and personalized health monitoring. For environmental applications, submissions addressing pollution detection, water quality assessment, and ecological monitoring are encouraged. In the food industry, we aim to feature research on contamination detection, freshness assessment, and food authentication.

Guest Editor

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Deadline for manuscript submissions

31 December 2025



Sensors

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



mdpi.com/si/240572

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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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