

Special Issue

Optical Nanosensors for Environmental and Biomedical Monitoring

Message from the Guest Editors

Optical nanosensors are nanoscale sensing systems that utilize optical principles for detection, offering advantages such as high sensitivity, rapid response, and multifunctionality. Due to their unique capabilities, optical nanosensors have become powerful tools for addressing detection challenges and have achieved remarkable progress in fields such as environmental monitoring, clinical diagnostics, and health management. For this Special Issue, we invite you to submit original research papers and review articles to foster a discussion on the current status, challenges, and prospects of optical nanosensors in environmental and biomedical monitoring. We hope that this Special Issue will promote interdisciplinary collaboration, drive innovation in optical nanosensing technologies, and contribute to solving monitoring challenges in environmental and health-related fields. This Special Issue will cover all aspects of optical nanosensors, including the latest developments. If you are unsure whether your work falls within the scope of this Special Issue, please contact its editor before submission.

Guest Editors

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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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