

Special Issue

Recent Advances in Optoelectronic and Photonic Sensors

Message from the Guest Editors

Optoelectronic and photonic sensors are essential components of numerous cutting-edge technologies, including environmental monitoring, healthcare, smart manufacturing, and communication systems. Due to continuous progress in materials, device design, integration techniques, and computational techniques, the capabilities of these sensors are continually improving, providing new levels of precision, speed, and efficiency.

This Special Issue invites contributions that explore recent developments in this fast-moving field. We are currently seeking original research, review articles, and brief reports that highlight innovative sensor designs, fabrication methods, and system-level improvements. Potential topics may include, but are not limited to, the following: integrated photonics, fiber-optic sensing, quantum and plasmonic effects, and advances in miniaturization and low-power operation.

Whether you are working on fundamental sensing mechanisms or developing next-generation devices for practical use, we encourage you to share your findings.

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About the Journal

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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