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Feature Papers in Optical Sensors 2024

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Message from the Guest Editors

Dear Colleagues,

Optical sensors are the subject of a huge number of studies and applications. Many well-established technologies, including free-space optics, integrated photonics, and fiber optics approaches, have been developed in recent decades to fabricate and develop increasingly more efficient optical sensors for applications ranging from industrial control to monitoring the environment, as well as biomedical use and even the Internet of Things.

The purpose of this Special Issue is to publish a set of papers that typify the most insightful and influential original articles, through which our section's EBMs are able to discuss key topics in the field, particularly review contributions that demonstrate the advancement of optical sensing technology and successfully present new and consolidated application areas. Topics of interest include group IV photonic sensors, optomechanical sensors, fiber-optic sensors, silicon photonics, plasmonic sensors, metasurfaces, and other related topics.

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Special Issue



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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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