

Special Issue

Optical Sensors Technology and Applications

Message from the Guest Editors

The aim of this Special Issue is to offer an overview of recent advances in optical sensor technology and applications. With this aim, original research papers, as well as review articles, will be published to show the diversity of the new developments in these areas and their wide dissemination in these fields. If you require clarifications or wish to discuss your submission in advance, we encourage you to contact us. We look forward to and welcome your participation in this Special Issue.

Keywords

- SLS, DLS, and DWS sensing;
- Raman and SERS sensing;
- SEIRA sensing;
- Sensors based on colorimetry, evanescent wave, and infrared spectroscopies;
- Fluorescence;
- Fiber interferometers;
- Microstructured waveguide;
- Grating coupled interferometry (GCI);
- Resonant waveguide grating (RWG);
- Surface plasmon resonance (SPR);
- Localized surface plasmon resonance (LSPR).

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2022)



Sensors

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Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



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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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