

# Topical Collection

## Photonic Sensors

### Message from the Collection Editors

This Special Issue gives an overview on the worldwide efforts in the field of sensing and measurement technology based on integrated optics and photonics approaches. It illustrates the huge potential and highlights promising research routes. We invite the contribution of articles covering integrated optical and functional sensor systems and measurement technology as well as their application. Individual topics of interest include, but are not limited to:

- Plasmonic sensor technology;
- Micro- and nanooptics-based sensing;
- Resonant and evanescent field sensing;
- Biosensor technology;
- Fiber-optic sensing;
- Integrated optofluidics;
- Distributed sensing and sensor networks;
- Interconnected sensing;
- Environmental monitoring and analytics;
- Medical optics and diagnostics;
- Digital health monitoring;
- Wearable optical sensors;
- Structural integrity analysis.

For more details, please visit [here](#).

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### Collection Editors

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Dr. Lourdes S. M. Alwis

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## Sensors

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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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