

Special Issue

Optical and Photonic Sensors

Message from the Guest Editor

The Optical and Photonic Sensors research field is experiencing significant development primarily in biosensors, nanosensors, integrated photonics and optical lab on a chip sensing systems, relying on the state-of-the-art photonic guided lightwave technology, including optical spectroscopy methods in instrumentation and measurement. The aim of this Special Issue is to explore the progress in research findings and engineering technologies related to Optical and photonic sensors for far-reaching applications in biosensing, environmental, pharmaceutical, medical (using optical spectroscopy), chemical and nano-optic sensors consisting of biologically or biophysically-derived sensing elements. Topics of this special issue will include, but are not limited to:

- Biosensors
- Photonic Crystal Sensors
- Metamaterial Sensors
- Medical Sensors
- Environmental Sensors
- Fiber Optic Sensors
- Nanosensors
- Wearable Sensors
- Microwave Sensors
- Photonic Sensors

Guest Editor

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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.

Editor-in-Chief

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