

Special Issue

Recent Development of Resonance-Based Optical Sensors and Biosensors

Message from the Guest Editor

This Special Issue “Recent Development of Resonance-Based Optical Sensors and Biosensors” will focus on the unique and novel implementations of optical sensors and biosensors that allow them to perform measurements in challenging physical, chemical, and biomedical applications. We encourage authors to submit original, high quality, relevant research articles and reviews for this Special Issue. Potential topics include, but are not limited to, recent developments in the following areas:

- The design/development/optimization of optical sensors;
- The design/development/optimization of optical biosensors;
- The design/development/optimization of optical detection platforms;
- The application of an optical system to measure physical parameters, chemical compounds, or biomolecules
- The application of an optical system to measure multiple parameters with a single device;
- Real-time, resonance-based sensing/biosensing;
- Fiber-optics devices and optical micro-/nano-resonators;
- Novel photonic devices or methodologies in optical sensing/biosensing

Guest Editor

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About the Journal

Message from the Editorial Board

Optics (ISSN 2673-3269) aims at establishing *Optics* as a leading journal for publishing high impact fundamental research and applications in optics field with a fast processing time and high quality service. The journal particularly welcomes both theoretical (simulation) and experimental research within our journal's scope. We encourage scientists to publish their experimental and theoretical results in as much detail as possible. So, there is no restriction on the length or pages of the papers. The full experimental details must be provided so that the results can be reproduced. Electronic files and software regarding the full details of the calculation or experimental procedure, if unable to be published in a normal way, can be deposited as supplementary electronic material.

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