



Recent Development of Resonance-Based Optical Sensors and Biosensors

Guest Editor:

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Deadline for manuscript submissions:

closed (31 December 2021)

Message from the Guest Editor

Dear Colleagues,

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.





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