

Special Issue

Optical Biochemical Sensing

Message from the Guest Editors

Due to the merits of low cost, immunity to electromagnetic fields, and high-sensitivity properties, optical biochemical sensors have attracted considerable attention in various fields, such as biomedical diagnosis, environmental monitoring, and food-safety inspection. This Special Issue aims to present brief communications, research papers, and review articles that focus on discussing the latest progress in optical biochemical sensing and invites submissions from multiple disciplines, such as physics, photonics, electronics, and engineering, including the latest research results for optical-sensing devices, especially fiber-optic sensors, new material for biochemical-sensing applications, and novel functionalized methods and sensing applications. In this Special Issue, original research articles and reviews are invited for submission. The research areas may include (but are not limited to) the following areas:

- fiber-optic chemical and biological sensors;
- new optical structures and materials for biochemical sensing;
- optofluidic biochemical sensor;
- optical integrated chip or optical waveguide biochemical sensor;
- new signal processing techniques;

Guest Editors

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About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Photonics* (ISSN 2304-6732). *Photonics* is an online open access journal covering both the fundamental and applications of optics and photonics. *Photonics* strives to provide an avenue to allow authors to disseminate their scientific findings—both theoretical/ simulations and experimental works—in highly accessible peer-reviewed journal publications. The manuscript in *Photonics* will be handled with quick turnaround production processing time. We welcome authors to submit their manuscripts for publications in *Photonics*. Our goal in *Photonics* is to enable fast dissemination of high impact works to the scientific community.

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