Special Issue

Silicon-Based Optical Biosensors

Message from the Guest Editors

This special issue covers all topics in the field of silicon-based optical biosensors, a Special Issue for the Journal *Chemosensors*. The goal of this Special Issue is to cover the latest advancements on silicon-based optical biosensors, which are a special kind of chemosensor that has received a lot of attention in the last decade. In this Special Issue, we expect to receive original contributions on a series of topics around this theme, as listed below. All types of studies are allowed, both theoretical and experimental. Design and characterization techniques that could be applied in the field of biosensing are welcome as well as reviews on a specific topic listed below. Topics include (but are not limited to):

- Silicon photonics based biosensing;
- Silicon-compatible platforms for biosensing, such as silicon nitride or glass;
- Photonic techniques for biosensing;
- Photonic sensing and measurement;
- Biophotonics at large, based on silicon-compatible platforms; and
- Innovative applications of biosensing (spectroscopy, genomics, etc.).

Guest Editors

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Message from the Editorial Board

Chemosensors continues to grow as a forum for all manners of sensing that encompass chemistry. *Chemosensors* is published in open access format – all articles and content are released on the internet immediately following acceptance, thus allowing unlimited access to the content as soon as it is published. We would be happy to have you join our growing list of authors.

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