Special Issue

Advanced Bio-Chemical Sensors Based on Plasmonic Nanostructures

Message from the Guest Editor

Surface plasmon is a unique optical phenomenon and has been widely used in chemical and biological sensing. By utilizing plasmonic nanostructures in various sensing platforms, high sensitivity and high selectivity can be realized in the sensing of many molecular compounds and biological substances. Therefore, the field of plasmonic nanostructure-based sensing has been growing rapidly. The Special Issue will provide a forum for the latest research activities in the field of plasmonic nanostructure-based chemical and biological sensing. We welcome both review and research articles in, not limited to, following topics.

- New concepts of bio-chemical sensors based on plasmonic nanostructures;
- New sensing mechanisms based on plasmonic nanostructures;
- New plasmonic materials/nanostructures for bio-chemical sensing;
- Techniques to fabricate the sensing platforms based on plasmonic nanostructures;
- Integration of plasmonic nanostructures with other sensing platforms;
- Applications of plasmonic nanostructure-based sensors.

Guest Editor

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Deadline for manuscript submissions

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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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