

Special Issue

Advances on Nanoplasmonic for Biosensing Applications

Message from the Guest Editor

Nanoplasmonics has received a lot of attention in the few last years. Their most exciting and distinctive feature is their ability to confine a large electromagnetic field in a nanometric volume surrounding the plasmonic nanostructure, also called the hotspot. This is very attractive for surface-enhanced applications such as surface-enhanced Raman scattering (SERS), surface-enhanced absorption (SEA), and surface-enhanced fluorescence (SEF). This Special Issue is focused on the recent progress in nanoplasmonics for nanosensors and SERS substrate-based biosensing design as a platform for biomedical applications.

Guest Editor

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Message from the Editor-in-Chief

Biosensors is a leading journal, devoted to fast publication of the latest achievements, technological developments and scientific research in the exciting multidisciplinary area of biosensors. Both experimental and theoretical papers are published, including all aspects of biosensor design, technology, proof of concept and application. Special issues are devoted to specific technologies and applications, and a selection of the most outstanding papers each year is recognized. Pushing the boundaries of the discipline, we invite original papers, as well as timely reviews on cutting edge fields within the subject area.

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