

Special Issue

Plasmonic Biosensors for Biomedical Applications

Message from the Guest Editors

This Special Issue aims to highlight the latest advances concerning the different steps in the production of plasmonic biosensors for biomedical applications. Therefore, articles including (but not limited to) the following topics are welcome: the production of novel plasmonic nanostructures/materials with promising SPR and LSPR properties for biosensing; studies on the exploration of biofunctionalization procedures for the preparation of specific biorecognition layers; production of plasmonic biosensing devices and plasmonic data analysis; and data science to improve their sensing performance (e.g., machine learning) and integration as small and portable devices.

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About the Journal

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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