

Special Issue

Semiconductor Nanomaterials-Based Biosensors and Their Applications

Message from the Guest Editor

This Special Issue covers a range of topics, from the methods for preparation of semiconductor nanomaterials to their application in biosensor fields. These semiconductor-based sensing materials include semiconductor quantum dots, porous semiconductor, semiconductor nanowires, and 2D and 3D semiconductor microstructures. Manuscripts reporting recent advances on the application of semiconductor nanomaterials in chemical sensors and biosensors, theranostic platforms, microfluidic chips, and biomedical devices are encouraged. The goal of this Special Issue is to publish a range of articles that are useful to a wide readership in the fields of biosensors, biomedical engineering, and clinical diagnosis.

Guest Editor

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Deadline for manuscript submissions

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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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