Special Issue

SPR Biosensors and Their Applications

Message from the Guest Editor

Biosensors based on surface plasmon resonance (SPR) are utilized in biosensing in numerous ways today. The several applications range from clinical detection, disease diagnosis, food allergen and pathogen determination to drug screening, quantitative and qualitative assays, and biocatalysis. As a reliable, fast, and customizable technique, SPR has been assessed in recent years as a tool for the detection and quantification of biomolecules. Different SPR setups and strategies have been developed by researchers, reaching sensitive, specific, and real-time detections. This Special Issue aims to harvest the latest advances in SPR-based biosensors, focusing on the most innovative materials, bioassays, and other applications developed for SPR biosensing.

Guest Editor

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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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