

Special Issue

Surface Plasmon Resonance for Biosensing

Message from the Guest Editor

Surface Plasmon Resonance for Biosensing is a very interdisciplinary research playground and this Special Issue will serve as a vehicle for the dissemination of recent research in this exciting area. It is my pleasure to invite you to submit a manuscript, research paper, or review, welcoming multiple perspectives related to this topic, widening from material science to biochemistry, nanotechnology, and low-power electronic systems.

- Local surface plasmon resonance (LSPR)
- Plasmonic waveguides and interferometers
- Semiconductors and metals for plasmonic biosensors
- 2D materials for plasmonic biosensors
- Antibody functionalization of SPR sensors
- Electronic acquisition system for SPR biosensors
- Case studies and applications of SPR sensors

Guest Editor

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Deadline for manuscript submissions

closed (28 February 2022)



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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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