



Surface Plasmon Resonance for Biosensing

Guest Editor:

Prof. Dr. Alessandro Fantoni

Instituto Superior de Engenharia
de Lisboa, Lisbon, Portugal
Centre of Technology and
Systems (CTS), Caparica,
Portugal

afantoni@deetc.isel.ipl.pt

Deadline for manuscript
submissions:

31 May 2021

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





an Open Access Journal by MDPI

Editor-in-Chief

Dr. Giovanna Marrazza

Department of Chemistry "Ugo Schiff", University of Florence, via della Lastruccia 3, 50019 Sesto Fiorentino, (Fi), Italy

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.

Author Benefits

Open Access:—free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: Covered in the Science Citation Index Expanded (SCIE - Web of Science), as well as Inspec (IET) and Scopus. Citations available in MEDLINE (PubMed), full-text archived in PubMed Central.

CiteScore (2019 Scopus data): **4.4**, which equals rank 52/115 (Q2) in 'Clinical Biochemistry'.

Contact Us

Biosensors
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

mdpi.com/journal/biosensors
biosensors@mdpi.com