

Special Issue

Plasmonic Sensors for Cell-Produced Nanoparticles and Soluble Factors

Message from the Guest Editor

In recent years, surface plasmon resonance (SPR)-based sensors have attracted a growing amount of interest as a group of instruments, which enable non-invasive real-time monitoring of living cell functions. SPR-based sensor platforms have revealed high sensitivity and relative versatility in living cell assays. Moreover, SPR imaging (SPRI) systems for living cells demonstrate their power even for the monitoring of single cell responses to stimuli. Thus, this Special Issue aims to introduce the newest trends in the development of SPR and SPRI-based assays for the monitoring of real-time living cell(s) functional responses. For detailed information, please visit [here](#).

Guest Editor

Dr. Victoria Shpacovitch

Biomedical Research Department, Bioresponsive Materials Working Group, Leibniz Institute for Analytical Sciences, ISAS e.V., Bunsen-Kirchhoff-Straße 11, 44139 Dortmund, Germany

Deadline for manuscript submissions

closed (31 December 2021)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/65215

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)





Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)



About the Journal

Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)