

Special Issue

Nanoplasmonic Sensors

Message from the Guest Editor

The impressive progress of nanoplasmonics observed in the past few decades has enabled a number of new applications, sensorics being among the most successful ones. Within this short period of time, what was a conceptual idea has found a way to practical realization and reached the market. Currently, the continuous efforts to improve sensors' characteristics, such as sensitivity, selectivity, stability, and the need to detect other properties of the analyte, such as its chirality, have led to the development of new sensing materials and new functionalization and sensing approaches. The aim of this Special Issue is to gather original research papers and review articles covering recent achievements in this fast-growing field. Special attention will be paid to new nanostructures, fabrication methods, multiplexing techniques, hybrid systems, and chiral (bio)sensors.

- Refractive index sensors
- Chiral sensors
- Fluorescence sensors
- Biological sensors
- LSPR

Guest Editor

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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.

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