

Special Issue

Optical Immunosensors

Message from the Guest Editors

This Special Volume will be dedicated to optical immunosensing. For decades, these sensors have been finding their way into an increasing number of industrial, environmental, pharmaceutical, medical, food quality control, and engineering applications. Optical immunosensors cost-effectively improve the reliability and efficiency of control systems, making them in great demand. This Special Issue welcomes both reviews and original research articles in the field of optical immunosensors. Topics include but are not restricted to optical-fiber platforms, liquid crystals, optical waveguide light-mode spectroscopy (OWLS), white light reflectance spectroscopy (WLRs), and dual-polarization interferometry (DPI). Combination with biological or bioinspired receptors such as aptamers, dendrimers, bacteriophages, affibodies, nanobiohybrid materials, and molecularly imprinted polymers is also of interest. There is no limit to the chemical and biological aspects by which an optical immunosensor can be manufactured. This issue emphasizes both the biological and transduction aspects of optical immunosensors. For more information, please click: mdpi.com/si/30824

Guest Editors

Prof. Dr. Elena Benito-Peña

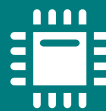
Department of Analytical Chemistry, Faculty of Chemistry, Complutensian University of Madrid, 28040 Madrid, Spain

Prof. Dr. David Gimenez-Romero

Physical Chemistry Department, Faculty of Chemistry, University of Valencia, Avda. Dr. Moliner, 50, 46100 Valencia, Spain

Deadline for manuscript submissions

closed (30 September 2020)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed

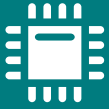


mdpi.com/si/30824

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

[mdpi.com/journal/
sensors](http://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
Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 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)