

## Special Issue

# Nanoparticles-Based Biosensors

### Message from the Guest Editors

This Special Issue aims to publish state-of-the-art original articles and comprehensive reviews covering nanoparticle-based sensors from the design, fabrication, chemistry, analysis, and/or applications perspectives. Some of the topics that will be covered include:

- Chemosensors;
- Biosensors;
- Applications in volatiles or liquids sensing;
- Devices sensing devices incorporating nanoparticles;
- Pressure, temperature, humidity, light, conductance/resistivity, electrochemical, or radiation sensors;
- Real-time sensing;
- In vivo sensing and tracking;
- Diagnostic imaging;
- Nanoparticle-based immunochemical biosensors;
- Fluorescent, luminescent, or SERS-active nanoparticle sensors;
- Porous nanoparticles-based sensors;
- Supramolecular nanoparticles-based sensors;
- Nanostructured Polymer-based sensors;
- Plasmonic nanoparticles-based sensors;
- Carbon nanotubes-, gold-, or dendrimer-based sensors;
- Field-effect transistor-based sensors

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### Guest Editors

Prof. Dr. Hicham Fenniri

Prof. Dr. Brahim Lakssir

Prof. Dr. Jianliang Shen

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### Deadline for manuscript submissions

closed (15 November 2021)



## Biosensors

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Impact Factor 4.9  
CiteScore 6.6  
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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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### Editor-in-Chief

Prof. Dr. Giovanna Marrazza

Department of Chemistry "Ugo Schiff", University of Florence, Via della  
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### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, CAPlus / SciFinder, Inspec, and other databases.

#### Journal Rank:

JCR - Q1 (Chemistry, Analytical) / CiteScore - Q1  
(Engineering (miscellaneous))

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2024).