

Special Issue

Biosensors in Food Analysis and Environmental Detection

Message from the Guest Editor

The main topic of this Special Issue is the development of (bio)sensors and their applications for food safety and quality, as well as in environmental monitoring. In this regard, this Special Issue aims to collect original articles that present research advances in the design, fabrication, and application of high-performance (bio)sensors implementing new principles, strategies, methods, and technologies. Additionally, reviews reflecting current hotspots, new challenges, and future perspectives of (bio)sensors in the two important application areas are particularly welcome. Safe food and benign environment are the two basic factors of human living and societal development. (Bio)sensors are considered as efficient tools to ensure food safety and quality, as well as protect the environment. In this regard, interesting principles, strategies, and methods are being proposed to design, develop, and fabricate (bio)sensors.

Guest Editor

Dr. Xiangheng Niu

School of Public Health, Hengyang Medical School, University of South China, Hengyang 421001, China

Deadline for manuscript submissions

closed (20 December 2022)



Biosensors

an Open Access Journal
by MDPI

Impact Factor 5.6
CiteScore 12.1
Indexed in PubMed



mdpi.com/si/85289

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

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





Biosensors

an Open Access Journal
by MDPI

Impact Factor 5.6
CiteScore 12.1
Indexed in PubMed



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



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.

Editor-in-Chief

Prof. Dr. Giovanna Marrazza

Department of Chemistry "Ugo Schiff", University of Florence, Via della
Laustruccia 3, 50019 Sesto Fiorentino, Italy

Author Benefits

High Visibility:

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

Journal Rank:

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

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 20.6 days after submission; acceptance to publication is undertaken in 3.5 days (median values for papers published in this journal in the second half of 2025).