

Special Issue

Application of Bio/Chemical Sensors in Food Safety and Quality Assessment

Message from the Guest Editor

This Special Issue, “Application of Bio/Chemical Sensors in Food Safety and Quality Assessment”, will introduce the latest developments and advances in bio/chemical sensors for food safety (electrochemical, optical etc.), including new sensor fabrication technologies, emerging synthetic receptors, and nanomaterials used in their construction. Topics include, but are not limited to, the following:

- The design and manufacturing of advanced sensors used for food safety and quality control;
- The detection and analysis of food adulterants;
- The quality assessment of food packaging;
- The detection of agricultural residues/industrial residues in food;
- The detection of veterinary drug residue in food;
- The detection of microorganisms in food;
- Immunosensors and enzymatic sensors;
- The implementation of innovative biorecognition tools (such as molecular imprinting polymers (MIPs), aptamers, etc.);
- The application of emerging technologies (such as microfluidics, artificial intelligence, smartphones, etc.) in the field of food testing

Guest Editor

Dr. Valérie Gaudin

Anses-Laboratory of Fougères, European Union Reference Laboratory (EU-RL) for Antimicrobial and Dye Residue Control in Food-Producing Animals, La Haute Marche-Javené, 35302 Fougères, France

Deadline for manuscript submissions

closed (31 October 2024)



Chemosensors

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 7.3



mdpi.com/si/194535

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

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





Chemosensors

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 7.3



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



About the Journal

Message from the Editorial Board

Chemosensors continues to grow as a forum for all manners of sensing that encompass chemistry. *Chemosensors* is published in open access format – all articles and content are released on the internet immediately following acceptance, thus allowing unlimited access to the content as soon as it is published. We would be happy to have you join our growing list of authors.

Editors-in-Chief

Prof. Dr. Jin-Ming Lin

Beijing Key Laboratory of Microanalytical Methods and Instrumentation,
Department of Chemistry, Tsinghua University, Beijing 100084, China

Prof. Dr. Nicole Jaffrezic-Renault

Institute of UTINAM, University of Franche-Comté, UMR-CNRS 6213, 16
Gray Road, 25030 Besançon, France

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPus /
SciFinder, Inspec, Engineering Village and other
databases.

Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore -
Q1 (Physical and Theoretical Chemistry)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 20.5 days after
submission; acceptance to publication is undertaken in 2.8
days (median values for papers published in this journal in
the first half of 2025).