

Special Issue

Sensors for Food Testing, Environmental Analysis, and Medical Diagnostics

Message from the Guest Editors

With technological advancements, sensors have become indispensable tools in various industries, enabling us to monitor, analyse, and diagnose with unprecedented precision and efficiency.

Food Testing with Sensors

In the food industry, sensors play crucial roles in ensuring product safety, quality, and authenticity. Sensors can be used to detect contaminants, allergens, pathogens, and other potential hazards, as well as to monitor freshness, ripeness, and nutritional value.

Environmental Analyses with Sensors

Environmental sensors are indispensable in monitoring air, water, and soil quality. They can detect pollutants, toxins, greenhouse gases, and other harmful substances, providing important data for environmental protection and risk assessment.

Medical Diagnostics with Sensors

Biosensors, electrochemical sensors, and optical sensors are some of the most commonly used technologies for rapid, point-of-care testing. These sensors can be integrated into wearable devices, smartphones, and other portable platforms, making diagnostic testing more accessible and convenient for patients.

Guest Editors

Dr. Alina Vasilescu

Prof. Dr. Mihaela Badea

Prof. Dr. Jean Louis Marty

Deadline for manuscript submissions

closed (30 September 2025)



Chemosensors

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 8.1



mdpi.com/si/211658

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 8.1



[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 19.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).