

Special Issue

Applications of Chemosensors in Real-World Sample Analysis

Message from the Guest Editors

The advances of analytical science heavily rely on the development of new methods for precise and accurate analyte detection in a specific biological, pharmaceutical, environmental, agricultural, and food system. Of various methods, chemosensors have been recognized as one of the most powerful tools and technologies in the analysis of various markers in real-world samples. Due to the high sensitivity and specificity, fast response, simplicity, and relatively non-invasive nature, the chemosensors have found many applications for the quantitative sensing trace of amounts of analytes. In this context, this Special Issue “Applications of Chemosensors in Real-World Sample Analysis” of Chemosensors is a forum for research outcomes and ideas in this field.

This Special Issue will collect a series of high-quality papers focused on new sensor development and applications in analytical science. Contributions including original research papers, up-to-date reviews, and perspectives of the aforementioned topics are invited. For more information, please check out [here](#).

Guest Editors

Dr. Run Zhang

Dr. Yinyin Bao

Prof. Dr. Xiupei Yang



Chemosensors

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 8.1



mdpi.com/si/64055

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).