



Feature Papers in the Section "Analytical Methods, Instrumentation and Miniaturization"

Guest Editors:

Prof. Dr. ZhongYang (Z.-Y.) Cheng

Materials Research and Education Center, Auburn University, Auburn, AL 36849-5341, USA

Dr. Wen Shen

Mechanical and Aerospace Engineering, University of Central Florida, Orlando, FL, USA

Deadline for manuscript submissions:

closed (1 June 2025)

Message from the Guest Editors

This Special Issue covers all areas in analytical methods, instrumentation, and miniaturization related to the development of high-performance chemical sensors. We invite you to contribute an original research article, review article, or perspective article on a trending or hot topic for peer review and possible publication. All papers in this Special Issue will be collected into a well-promoted printed edition book. Topics of interest include, but are not limited to:

- Chemical analytical methods and instrumentation;
- Bioanalytical methods and instrumentation;
- Optical methods and instrumentation for chemical sensors and biosensors;
- Surface and interface analysis;
- Analytical methods and instrumentation for nanotechnology;
- Miniaturized sensors and systems;
- Flexible sensors and systems;
- Nanosensors;
- Methodologies to enhance the performance of sensors.





an Open Access Journal by MDPI

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

Message from the Editorial Board

Chemodosensors continues to grow as a forum for all manners of sensing that encompass chemistry. *Chemodosensors* 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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

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)

Contact Us

Chemodosensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/chemodosensors
chemodosensors@mdpi.com
[X@chemosens_MDPI](https://twitter.com/chemosens_MDPI)