

Special Issue

Microfluidic Biosensing Platform, Volume II

Message from the Guest Editor

This Special Issue is a research forum covering recent development and innovations in microfluidic-based biosensors and in-vitro diagnostics with various applications, as well as new fabrication and integration technologies relevant to biosensing and actuation. Researchers working in a wide range of disciplines are invited to contribute research papers, short communications, or reviews that include, but are not limited to, the following:

- Multiplexed bioassays/sensor arrays, including electrochemical, optical, magnetic, and other transduction types;
- Novel microfluidic-based biosensing concepts, mechanisms, and detection principles;
- Lab-on-a-chip and other biochips and microarray systems;
- Low-cost diagnostics;
- Wearable biosensors;
- Advances in instrumentation (including 3D printing, scaffold-based biomimetic systems, Micro total analysis systems (μ TAS)).

Guest Editor

Prof. Dr. Patricia Khashayar

Center for Microsystems Technology, Imec and Ghent University, 9050 Ghent, Belgium

Deadline for manuscript submissions

closed (31 March 2024)



Chemosensors

an Open Access Journal
by MDPI

Impact Factor 4.4
CiteScore 8.1



mdpi.com/si/156127

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 4.4
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).