

## Special Issue

# Optical Chemical Sensors and Spectroscopy

### Message from the Guest Editors

The field of optical chemical sensors has been a growing research area over the last decades, finding increasing application in industry, environment, monitoring, medicine, biomedicine, and chemical analysis. The recent developments in this area are driven by such factors as the availability of low-cost, miniature optoelectronic light sources and frequency-output detectors, the need for multianalyte array-based sensors (particularly in the area of biosensing), advances in microfluidics and imaging technology, and the trend toward sensor networks.

Topics of interest for submission include, but are not limited to, the following:

- Optical chemical sensors;
- Optical transduction;
- Spectroscopic sensing;
- Imaging;
- Optical absorption;
- Luminescence-based sensors;
- Fluorescence-based sensors;
- Interferometric sensors;
- Fiber-optic sensor platforms;
- Diode laser sensing systems;
- Sol-gel-materials-based sensors.

### Guest Editors

Prof. Dr. Sergey Y. Yurish

International Frequency Sensor Association (IFSA), 08860  
Castelldefels, Barcelona, Spain

Prof. Dr. Gou-Jen Wang

Graduate Institute of Biomedical Engineering, National Chung-Hsing  
University, Taichung 40227, Taiwan

### Deadline for manuscript submissions

closed (30 November 2022)



## Chemosensors

an Open Access Journal  
by MDPI

Impact Factor 3.7  
CiteScore 7.3



[mdpi.com/si/87654](https://mdpi.com/si/87654)

*Chemosensors*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[chemosensors@mdpi.com](mailto: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).