

Special Issue

Chemosensors for Ion Detection

Message from the Guest Editor

The aim of this Special Issue is to publish valuable information and recent innovations on chemosensors for ion detection and to enhance the design and development of chemosensory probes for the specific detection and quantification of essential/toxic cations and anions. The scope of this Special Issue will cover the design and construction of new chemosensory probes, tactics, combination of chemosensors and physical devices for ion detection, and detailed discussions of underlying mechanisms. Keywords

- heavy metal ion detection
- anions sensors
- organic and inorganic probes
- nanosensors
- hybrid sensory materials
- functionalized sensory materials
- sensory devices
- optical recognition
- fluorescent assay
- colorimetric detection

Guest Editor

Dr. Kien Wen Sun

Department of Applied Chemistry, National Chiao Tung University,
Hsinchu 30010, Taiwan

Deadline for manuscript submissions

closed (31 August 2023)



Chemosensors

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 5.0



mdpi.com/si/122749

Chemosensors
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 5.0



[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. Nicole Jaffrezic-Renault

Institute of Analytical Sciences, UMR CNRS 5280, Department LSA, 5
Rue de La Doua, 69100 Villeurbanne, France

Prof. Dr. Jin-Ming Lin

Department of Chemistry, Beijing Key Laboratory of Microanalytical
Methods and Instrumentation, Tsinghua University, Beijing 100084,
China

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPus /
SciFinder, Inspec, Engineering Village and other
databases.

Journal Rank:

JCR - Q1 (Instruments and Instrumentation) / CiteScore -
Q2 (Analytical Chemistry)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 17.1 days after
submission; acceptance to publication is undertaken in 2.6
days (median values for papers published in this journal in
the first half of 2024).