Special Issue

The Application and Advance of Electronic Nose

Message from the Guest Editors

The topics covered in this Special Issue will include recent advances both in machine learning and sensor technology as well as improvements in the practical application of electronic noses. Original research articles are welcomed from a broad diversity of disciplines and fields of knowledge as engineering, computer science, machine learning, medicine, analytical science, environmental science, sensors technologies and chemometrics, to highlight the latest developments in the topic of electronic noses. The Special Issue will cover, but not limited, to the following topics:

- Gas sensors for electronic noses
- Electronic noses and Instruments for volatile detection
- Chemometrics, pattern recognition and machine learning
- Electronic nose applications
- Electronic noses standardization.

Guest Editors

Dr. Antonio Pardo Martínez

Department of Electronics and Biomedical Engineering, University of Barcelona, 08028 Barcelona, Spain

Prof. Dr. Luis Fernandez Romero

Department of Electronics and Biomedical Engineering, University of Barcelona, 08028 Barcelona, Spain

Deadline for manuscript submissions

closed (31 July 2024)



Chemosensors

an Open Access Journal by MDPI

Impact Factor 3.7 CiteScore 7.3



mdpi.com/si/138613

Chemosensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
chemosensors@mdpi.com

mdpi.com/journal/chemosensors





Chemosensors

an Open Access Journal by MDPI

Impact Factor 3.7 CiteScore 7.3



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), CAPlus / 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).

