Special Issue

Electrochemical Sensor Array for Food Detection and Human Perception

Message from the Guest Editors

Electrochemical sensor array can determine the composition and content of target analytes, based on the electrochemical properties of specific substances in the detected object, and has the advantages of low cost, high precision, and fast detection speed, especially as the array form can provide non-specific cross-sensitive composite information. Combined with the effective data processing processes, it can help to obtain the overall information that describes the detection object and the decoding information of specific substances. This Special Issue aims to discuss research on electrochemical sensor arrays in food applications and in the simulation of human intellisense functions. Research papers on the development of both new electrochemical sensor arrays based on food detection applications and various electrochemical sensors related to human perception functions, as well as information decoding, deep data mining, portable devices, etc., are all welcome.

Guest Editors

Prof. Dr. Jingjing Liu

Prof. Dr. Zhenbo Wei

Dr. Shui Jiang

Deadline for manuscript submissions

28 February 2026

Chemosensors

an Open Access Journal by MDPI

Impact Factor 3.7
CiteScore 7.3

mdpi.com/si/188935

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

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), 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).

MDPI