Special Issue

Gustatory and Olfactory Sensing Technologies and Applications

Message from the Guest Editors

- Studies on chemosensors for measuring taste and smell (i.e., electronic tongues and noses) started about 30 years ago. To date, progress on measurement principles, sensing materials, data analysis, and applications have been reported, making them useful tools for food and pharmaceutical industries. These sensing technologies are important in the responding to the diversity of taste and odor such as race, religion, culture, foodstuff, individual preferences and health in the food and pharmaceutical area, and so on.

In this Special issue, we will focus on the latest research on gustatory and olfactory sensing technologies and their applications. Both review articles and original research papers are solicited in, though not limited to, the following areas: Electronic tongues; Electronic noses; Biosensors; Sensing materials; Data analysis; Industrial applications; Scent presentation.

Guest Editors

Dr. Yusuke Tahara

Shinshu university, 3 Chome-1-1 Asahi, Matsumoto, Nagano 390-8621, Japan

Prof. Dr. Kiyoshi Toko

Division of Taste Sensor, Research and Development Center for Five-Sense Devices, Kyushu University, Fukuoka, Japan

Deadline for manuscript submissions

closed (15 November 2021)



Chemosensors

an Open Access Journal by MDPI

Impact Factor 3.7 CiteScore 7.3



mdpi.com/si/51598

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).

