Special Issue

Recent Advances in Quartz Crystal Microbalance-Based Sensor Applications: Part II

Message from the Guest Editor

This Special Issue of *Chemosensors* is dedicated to the discussion of the state of the art in QCM sensors with challenging material-coating techniques not only for gas/liquid phase and biosensing, but also for primary industries such as agriculture and aquatic products in industry.

- QCM-based gas sensors
- electrochemical quartz crystal microbalance (EQCM)
- QCM-based sensors with biofunctional materials and food inspection
- application of QCM for medical diagnosis
- protein immobilization, cell attachment, cell adhesion
- drug discovery and complex biopolymeric/biomolecular systems
- QCM-based biosensors modified with molecular imprinted polymers
- quartz crystal microbalance with dissipation monitoring analysis using QCM/QCM-D
- chiral recognition, odor classification, and composition analysis
- multichannel QCM array systems, QCM-based electronic nose, and electronic tongues

Guest Editor

Prof. Dr. Salih Okur
Kalsruhe Institute of Technology, Institute of Functional Interfaces, Chemistry of oxydic and organic Interfaces, Hermann-von-Helmholtz-Platz 1, Geb. 330, R. 324, 76344 Eggenstein-Leopoldshafen, Germany

Deadline for manuscript submissions

closed (31 January 2024)

Chemosensors

an Open Access Journal by MDPI

Impact Factor 3.7
CiteScore 7.3

mdpi.com/si/139401

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 19.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).