



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

Guest Editor:

Prof. Dr. Salih Okur

Karlsruhe 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)

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





an Open Access Journal by MDPI

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

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

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)

Contact Us

Chemosensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/chemosensors
chemosensors@mdpi.com
[X@chemosens_MDPI](https://twitter.com/chemosens_MDPI)