chemosensors

an Open Access Journal by MDPI

IMPACT FACTOR 3.7

CITESCORE 5.0

Recent Advances in Electrode Materials for Electrochemical Sensing

Guest Editors:

Dr. Najmeh Karimian
Department of Molecular Sciences and Nanosystems, University Ca' Foscari of Venice, via Torino 155, 30172 Mestre-Venezia, Italy

Dr. Angela Maria Stortini
Department of Molecular Sciences and Nanosystems, University Ca' Foscari of Venice, via Torino 155, 30172 Mestre-Venezia, Italy

Deadline for manuscript submissions:
28 February 2025

Message from the Guest Editors

Dear Colleagues,

Recent years have witnessed the accelerated development of electrode materials with high levels of analytical performance, which extends their application in environmental, healthcare and food monitoring. Modified green and novel electrode materials, as well as platform design, have thus become a key area of focus regarding the enhancenment and generation of low-cost, automated, and portable electrochemical sensing devices with high sensitivity and selectivity for real-time monitoring.

Topics may include, but are not limited to, the following:

- Novel strategies for the production and application of nanosized materials in chemical sensors and biosensors;
- Development and exploitation of 2D and 3D materials for electrochemosensors;
- Chemical sensing and biosensing platforms in various applications, including healthcare, environmental monitoring and food quality control;
- Innovative and sustainable functional materials for the development of electroanalytical sensing platforms;
- Chemical sensing and biosensing with molecularly imprinted polymers, nanozymes and aptamers.

chemosensors

IMPACT FACTOR 3.7

CITESCORE 5.0

an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Nicole Jaffrezic-Renault
Institute of Analytical Sciences, UMR CNRS 5280, Department LSA, 5 Rue de La Doua, 69100 Villeurbanne, France

Prof. Dr. Jin-Ming Lin
Department of Chemistry, Beijing Key Laboratory of Microanalytical Methods and Instrumentation, Tsinghua University, Beijing 100084, China

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 - Q1 (Instruments and Instrumentation) / CiteScore - Q2 (*Analytical 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