Special Issue

Gas Sensing beyond MOX Semiconductors

Message from the Guest Editors

Some of these innovative non-MOXS materials highlighted noteworthy features, such as exceptional electronic properties and great and specific chemical reactivity, which result in optimal sensing performance, including high sensitivity and selectivity, and low activation temperature (2D materials, metal organic frameworks, carbon nanotubes, polymers, etc). The aim of this Special Issue is to broaden and deepen the use and knowledge on innovative non-MOXS sensing materials. Accordingly, this Special Issue will cover topics on gas sensing beyond MOXS. You are invited to contribute with relevant reviews and original research articles focused on:

- Development of novel non-MOXS materials and sensing strategies
- Investigation of sensing performance of non-MOXS nanostructure unexplored so far
- Understanding the sensing mechanism in non-MOXS and advances in investigation techniques
- Development of non-MOXS-based sensing platforms for specific applications

Guest Editors

Dr. Andrea Gaiardo

Dr. Barbara Fabbri

Prof. Dr. Vincenzo Guidi

Deadline for manuscript submissions

closed (31 March 2023)

Chemosensors

an Open Access Journal by MDPI

Impact Factor 3.7
CiteScore 5.0

mdpi.com/si/60471

Chemosensors
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 5.0

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

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 20.1 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2024).

MDPI