

## 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

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*Chemosensors*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[chemosensors@mdpi.com](mailto:chemosensors@mdpi.com)

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*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.

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### 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

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