

Special Issue

Recent Progress on Sensors and Smart Systems for In-Situ Gas Monitoring

Message from the Guest Editor

This Special Issue seeks original research papers as well as review articles, with an emphasis on theoretical and experimental studies regarding sensors and systems for reliable in situ and continuous gas monitoring. The themes covered include, but are not limited to, the following:

- Nanostructured 1D, 2D and 3D materials for gas sensors;
- Metal-oxides and MOF-based gas sensors;
- Photoactivated gas sensing materials;
- Sensors arrays;
- Miniaturized gas sensors and olfactory systems;
- Simulation of gas sensing and smart systems;
- Sensors application for IoT;
- Chemometrics;
- In situ and operando characterizations of gas sensors

Guest Editor

Dr. Barbara Fabbri

Department of Physics and Earth Science, University of Ferrara, Via G. Saragat 1/C, 44122 Ferrara, Italy

Deadline for manuscript submissions

closed (31 December 2025)



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Chemosensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
chemosensors@mdpi.com

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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

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