Special Issue

2D Materials for Gas Sensing

Message from the Guest Editors

This Special Issue aims to collect the latest research works in the field of 2D materials-based gas sensors, including new 2D materials and new 2D-based composite materials for the use of industrial, agricultural, environmental, medical and domestic gas detection. The Special Issue will also focus on the new sensing mechanism, new sensor design, and new fabrication method of 2D materials-based gas sensors to address the abovementioned challenges. The Special Issue welcomes original research articles, reviews, communications and concept papers. Potential topics include, but are not limited to, the following:

- New 2D materials for gas detection;
- New fabrication method for 2D materials-based gas sensors;
- New 2D materials-based composites for gas detection;
- First-principle calculation for gas sensing mechanism of 2D materials;
- 2D materials-based flexible or wearable gas sensors;
- 2D materials-based gas sensors for industrial safety;
- 2D materials-based gas sensors for medical diagnosis;
- 2D materials-based gas sensors for human health;
- 2D materials-based printed gas sensors;
- 2D materials-based gas sensor array;

Guest Editors

Dr. Shaolin Zhang

School of physics and materials science, Guangzhou University, Guangzhou 510006, China

Dr. Fang Xu

Faculty of Engineering, University of Nottingham, Nottingham NG7 2RD, UK

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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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