

Special Issue

Gas Sensing Materials

Message from the Guest Editor

This Special Issue will attempt to provide an overview of the recent achievements in the field, bringing together the approaches developed by different research groups to progress in solid-state gas-sensors. Original research articles, letters as well as review papers covering the different experimental and theoretical aspects of this topic are invited for submission. Core arguments include but are not limited to:

- Metal oxide nanostructures, including nanoparticles, nanowires, hierarchical nanostructures, pure and doped/functionalized metal oxides;
- 2D materials, including graphene and related nanostructures, MoS₂, WS₂ and phosphorene;
- Organic nanostructures, including carbon nanotubes, polymers, porphyrins and metalloporphyrins;
- Composite materials and hybrid materials;
- Models and computational simulations for the gas-nanostructures interaction.

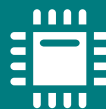
Guest Editor

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Deadline for manuscript submissions

closed (30 November 2020)



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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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