

## Special Issue

# Advanced Micro- and Nano-Gas Sensors Materials, Devices and Applications

### Message from the Guest Editors

This Special Issue deals with the advanced content of micro/nano-sized material development for gas sensors and device development for its application. Specifically, this issue is focused on the following research topics: (1) morphological and structural control of nano- and micro-sized materials with 1-dimensional wire, 2-dimensional sheet, and 3-dimensional hierarchical structure; (2) fabrication of device electrodes using MEMS and NEMS; (3) gas sensing properties for ppb-ppm gases and selective gas detection using the techniques (1) and (2); (4) methane emission control and environmental monitoring rooted in low environmental load; and (5) medical applications such as healthcare. All researchers conducting research in the area of “Advanced Micro- and Nano-Gas Sensor Materials, Devices, and Applications” and who have results that contribute to the further development of the field are invited to participate in our project. You can contribute both original research papers and reviews to this Special Issue.

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### Deadline for manuscript submissions

closed (31 December 2022)



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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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