

Special Issue

Nano/Micro-Structured Materials for Gas Sensor

Message from the Guest Editor

The Special Issue "Nano/Micro-structured Materials for Gas Sensor" aims to provide a comprehensive platform for the dissemination of cutting-edge research on the development and application of nano/micro-structured materials for gas sensing technologies. The utilization of advanced nano/micro-structured materials has shown great promise in enhancing the sensitivity, selectivity, and response time of gas sensors, thereby addressing critical challenges in environmental monitoring, industrial safety, and healthcare diagnostics. This Special Issue welcomes contributions covering a wide range of topics, including, but not limited to, the following: Synthesis and characterization of nano/micro-structured materials for gas sensing applications.

Advanced fabrication techniques for nanostructured gas sensor devices.

Integration of nanostructured materials into functional gas sensors.

Applications of nanostructured gas sensors in environmental monitoring, industrial safety, and medical diagnostics. For more details, please visit [here](#).

Guest Editor

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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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