

Special Issue

Gas Sensing for Air Quality Monitoring

Message from the Guest Editors

Air quality monitoring is an important research topic in the fields of environmental protection and public safety. Gas sensing technology, as the primary means, is facing rapid development in both basic theory and practical applications. To deeply explore the latest scientific progress of gas sensing technology and promote its widespread application in air quality monitoring, we have specifically planned this Special Issue. This Special Issue aims to gather top scholars in the field and share latest research findings, discuss scientific challenges, and envision future development paths for gas sensing technology in air quality monitoring.

In this context, this Special Issue of "Gas Sensing for Air Quality Monitoring" invites original research and comprehensive reviews including, but not limited to, the following topics:

Gas sensing mechanisms and materials.
Sensor design and optimization.
Sensor signal processing and data analysis.
Simultaneous monitoring of multiple gasses.
Particulate matter and gas co-monitoring.
Environmental adaptability research.

Guest Editors

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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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