Special Issue

Innovative Nanomaterials-Based Chemosensor Devices for Air Quality Monitoring

Message from the Guest Editors

This Special Issue of *Chemosensors* will be dedicated to recent advances in innovative nanomaterial-based chemosensor devices for air quality monitoring. Full papers, communications, and reviews are welcome. Topics include, but are not limited to, the following:

- Nanomaterials and/or functionalized nanomaterials with enhanced gas sensing properties (e.g., metal oxides, polymers, carbon-based nanomaterials, hybrid organic-inorganic nanocomposites, etc.);
- The synthesis, functionalization, and deposition techniques of nanomaterials as sensing layer;
- The fabrication and development of chemoresistive gas sensor devices based on nanomaterial sensing layer;
- Applications (indoor and outdoor air quality monitoring).

Guest Editors

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Deadline for manuscript submissions

closed (15 September 2025)

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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.

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