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Innovative Nanomaterials-Based Chemosensor Devices for Air Quality Monitoring

Guest Editors:

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Prof. Dr. Oleg Lupan

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Deadline for manuscript submissions:
30 June 2024

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).

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Message from the Editor-in-Chief

Chemosensors is an international, scientific, open access journal on the science and technology of chemical sensors published by MDPI. All articles are released on the internet immediately following acceptance. The journal publishes reviews, regular research papers, and communications. The scope of Chemosensors includes:

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Optical chemical sensors

Analytical methods

Environmental monitoring

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