



Advanced Functional Nanomaterials for Sensor Applications

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Deadline for manuscript
submissions:

closed (18 February 2024)

Message from the Guest Editors

By organizing this Special Issue, we are inviting the sensor community to contribute original, unpublished research/review articles and short communications. This Special Issue is focused on the synthesis and characterization of functional nanomaterials for sensing applications. Furthermore, the modification of sensing characteristics by tailoring nanomaterial properties is of great interest in this Special Issue.

The topics for this Special Issue include (but are not limited to):

- Synthetic strategies for new sensing nanomaterials;
- Nanomanufacturing of thin film-based sensors;
- Nanowires and nanoparticles as sensors;
- Nanomaterials in pressure sensors;
- Gas sensing with nanomaterials;
- Selective detection of biomolecules;
- Nano-biosensors;
- Theoretical studies of sensing behavior;
- Nanomaterial-based physical sensors;
- Magnetic nanosensors;
- Integration of nanosensors;
- Future sensor technology with nanosensors.





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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:

New chemical sensors design

Electrochemical devices, potentiometric sensor, redox electrode

Optical chemical sensors

Analytical methods

Environmental monitoring

Gas detectors

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