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Chemical Sensors for Bio-Medical and Environmental Applications

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Deadline for manuscript submissions:
closed (30 September 2023)

Message from the Guest Editors

Air quality, water pollution, and population health are major factors that pose real challenges to our modern society. Appropriate monitoring is necessary to achieve sustainable growth and, thereby, maintain a healthy society. In recent years, environmental monitoring and early medical diagnosis have been transformed into intelligent monitoring of crucial parameters, thanks to the progress of the Internet of Things (IoT), artificial intelligence (AI) and the development of modern sensors.

This Special Issue will provide a forum for the latest research activities in the field of smart (bio)chemical sensors for environmental and medical applications. Both review articles and original research papers are requested in, though not limited to, the following areas:

- Bio-medical sensors;
- Sensors for diagnosis;
- Sensors for environmental monitoring;
- Air pollution sensors (indoor and outdoor);
- Volatile organic compound (VOC) sensors;
- NO2 sensor;
- Water pollution sensor;
- Pesticide and persistent organic pollutant sensors;
- Heavy metal sensor.

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Special Issue

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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

electronic nose, etc.

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