

Special Issue

Advanced Sensors for Gas Monitoring

Message from the Guest Editors

The topics of the Special Issue will include:

- Developments and innovative applications of existing sensors;
- New/improved mechanical flow rate sensors;
- Developments in thermal sensors;
- Developments in ultrasonic sensors;
- Gas composition sensing elements;
- Micro- and nano-sensors for flow rate and composition;
- Integrated sensors;
- “Lab-on-a-chip” applications;
- Monitoring of gas energy content;
- Algorithms for the elaboration of sensor outputs;
- Sensors for atmospheric monitoring.

This Special Issue is devoted to developments in sensors for measuring gas flow rate and composition.
Keywords:

- gas flow rate
- gas composition
- energy vector
- lab-on-a-chip
- integration of sensors
- digital elaboration
- gas sensors
- amount-of-substance

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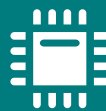
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About the Journal

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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