

Special Issue

Gas Sensors - 2010

Message from the Guest Editor

The science and development of gas sensors continues to be a vivid field of research. Recent advances in chemical synthesis and microfabrication provide us with new sensing materials and novel devices with substantially enhanced properties. At the same time, fundamental knowledge about sensing mechanisms has greatly improved by sound theoretical models as well as in situ spectroscopic studies. This special issue on “gas sensors” aims to cover all various aspects, such as (but not limited to) the preparation of functional materials and micro-fabricated systems for gas sensing, new insights in gas-sensing mechanisms, and the large number of different types of gas-sensing principles (resistive, mechanical, capacitive, *etc.*).

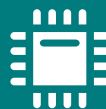
Guest Editor

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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.

Editor-in-Chief

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