

Special Issue

Applications of Nanocomposites in Gas Sensors

Message from the Guest Editor

The use of nanocomposites in the field of chemical gas sensors allowed scholars to demonstrate the dramatic improvements of the performance of various types of sensors, such as metal oxide, polymeric, carbon-based, electrochemical and others. Apart from quantitative effects, some new phenomena have been shown, for example, in the case of composite systems with hetero- and homo-junctions. The purpose of the present Special Issue is to collect the papers that demonstrate the innovation of the design and architecture of gas-sensing nanocomposite systems and the methods of obtaining them, as well as addressing unresolved questions such as the synergistic effects of such systems, their evolution during operation and their long-term stability. In addition to the original research articles and review papers, summaries of the current body of knowledge in the field of gas-sensing nanocomposite systems and new insights into future research are welcome in the upcoming open access Special Issue.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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