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Advanced Materials for Gas Sensors: Performance and Application

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Message from the Guest Editors

Dear Colleagues,

Gas sensors, despite being the subject of research for many years, are still attracting significant attention from the scientific community due to their numerous applications.

One strategy to address these requirements is the search for new suitable materials, as well as novel functionalization strategies and innovative fabrication processes, which can enhance the sensor performance.

Therefore, the goal of the present Special Issue is to present novel and promising experimental and theoretical approaches in gas sensor and sensor array development exploiting advanced materials. The latest advances in science and technology will be highlighted, including novel high-performance materials with enhanced sensing properties, innovative functionalization techniques and cutting-edge fabrication and processing methods. Works investigating the sensing mechanisms through innovative techniques and from a theoretical point of view are also welcome.

Original research articles (full papers or communications) and reviews are all welcome.



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Special Issue



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Message from the Editor-in-Chief

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