



sensors



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Gas Sensors - 2013

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Gas sensors continue to be a dynamic and fast-emerging field of research for both scientists and developers. Modern advances in the synthesis of functional materials and in the fabrication of smart devices open up new opportunities to create novel sensors with enhanced properties. Fundamental research, at the same time, allows us to understand the underlying principles and sensing mechanisms in greater detail. 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.*).

Prof. Dr. Michael Tiemann
Guest Editor



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Special Issue



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