



Gas Sensitive Materials and Devices

Guest Editor:

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Deadline for manuscript
submissions:

closed (30 April 2019)

Message from the Guest Editor

We invite you to submit original research articles, communications, and reviews in this Special Issue of *Materials*, titled "Gas Sensitive Materials and Devices". The aim of this Special Issue is to deal with several aspects, from synthesis and engineering of gas sensitive materials, design of gas sensing devices, evaluation of sensing performance and applications exploration (medical diagnostics, industry, environmental control, food analysis, defense, etc.). In particular, recent advances in the development of new advanced materials for gas sensing, with different chemical compositions (metals, metal oxides, polymers, composites, graphene, etc.), or with different dimensions (nano, micro, macro scale) and morphologies (particles, pores, wires, tubes, auctions, etc.) will be presented. Moreover, topics will be devoted on the characterization of these materials and their sensing properties and on the designing and implementing new gas sensing devices for emerging applications.





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Message from the Editor-in-Chief

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