

## Special Issue

# Gas Sensitive Materials and Devices

### 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.

### Guest Editor

Prof. Dr. Iole Venditti

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### Deadline for manuscript submissions

closed (30 April 2019)



## Materials

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## About the Journal

### Message from the Editor-in-Chief

*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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### Editor-in-Chief

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