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Gas Sensing beyond MOX Semiconductors

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Deadline for manuscript submissions:
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Message from the Guest Editors

Dear Colleagues,

Some of these innovative non-MOXS materials highlighted noteworthy features, such as exceptional electronic properties and great and specific chemical reactivity, which result in optimal sensing performance, including high sensitivity and selectivity, and low activation temperature (2D materials, metal organic frameworks, carbon nanotubes, polymers, etc). The aim of this Special Issue is to broaden and deepen the use and knowledge on innovative non-MOXS sensing materials.

Accordingly, this Special Issue will cover topics on gas sensing beyond MOXS. You are invited to contribute with relevant reviews and original research articles focused on:

- Development of novel non-MOXS materials and sensing strategies
- Investigation of sensing performance of non-MOXS nanostructure unexplored so far
- Understanding the sensing mechanism in non-MOXS and advances in investigation techniques
- Development of non-MOXS-based sensing platforms for specific applications

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Message from the Editorial Board

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