



Gas Sensors Based on Inorganic Materials

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Message from the Guest Editors

Dear Colleagues,

Gas sensors play an important role in various fields, such as environmental monitoring, personal safety, medical diagnosis, and industrial control. Semiconductor gas sensors based on inorganic materials, such as metal oxides, carbon nanotubes, graphene, metal sulfides and MXene, have been widely studied and applied. Nevertheless, the high operating temperatures, poor selectivity, compliance to harsh environments, reproducibility for real applications, and intelligentization remain issues for semiconductor gas sensors. *Inorganics* created this Special Issue to collect the latest research works in the field of inorganic material-based gas sensors concerning the improvement of humidity tolerances, stability, low operating temperatures, quick response/recovery processes, low detection limits and intelligentization. All analytical works on gas sensing mechanisms are also welcome. Both original research papers and review articles will be considered for publication.





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Message from the Editor-in-Chief

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