



## Chemical Sensors Based on Low-Dimensional Semiconductors

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### Message from the Guest Editor

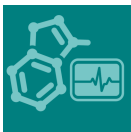
Dear Colleagues,

Chemosensor technology is being advanced by innovations in the development of low-dimensional semiconductors such as graphene, transition metal dichalcogenides, black phosphorus, and quantum dots. These sensors can provide highly sensitive and selective responses to target chemicals due to the unique electronic and optical properties of low-dimensional semiconductors, making them useful for various applications, including environmental monitoring, hazardous waste monitoring, medical diagnosis, and industrial process control.

This Special Issue aims to highlight recent advances and applications of the low-dimensional semiconductor-based chemical sensors. Authors are therefore invited to submit works related to novel materials, sensor structures, mechanism studies, and applications. Both review articles and research papers are welcome.

Prof. Dr. Huan Liu  
*Guest Editor*





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## Message from the Editor-in-Chief

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