Special Issue

Advances in Gas Sensors and their Application

Message from the Guest Editors

Gas sensors are widely used for many reasons, such as environmental monitoring, toxic gas monitoring, food analysis, exhaled human breath analysis, etc. Many methods have been used to enhance their performance, e.g., doping, nanostructures, heterojunctions, etc. Various novel materials have been adopted, such as CNT, MOF, COF, and MXene, and several new types have recently been invented, including light-activated transducers, field-effect transducers, MEMS, etc. Combining different gas sensors into an array to form an electronic nose enables the differentiation of complex odors. This Special Issue aims to highlight the recent advances and applications of gas sensors. Therefore, authors are invited to submit work related to novel materials, sensor structures, mechanism studies, and applications. Both review articles and research papers are welcome.

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Deadline for manuscript submissions

31 December 2025

Chemosensors

an Open Access Journal by MDPI

Impact Factor 3.7
CiteScore 7.3

mdpi.com/si/123275

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Chemosensors continues to grow as a forum for all manners of sensing that encompass chemistry. *Chemosensors* is published in open access format – all articles and content are released on the internet immediately following acceptance, thus allowing unlimited access to the content as soon as it is published. We would be happy to have you join our growing list of authors.

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