Topical Collection

Recent Advances in Multifunctional Sensing Technology for Gas Analysis

Message from the Collection Editor

Stimulated by the multiple applications of gas sensors, research in this field is constantly evolving, based on advances in the synthesis and deposition of new gas-sensitive nanomaterials. Moreover, innovative technological solutions offered by micro and nanotechnology provide novel functional microfabricated platforms for sensors arrays and the integration of sensing elements. Such advances open up opportunities for the development of a wide range of gas-sensing devices based on different sensing principles and with improved properties (high detectivity, specificity, low power consumption, multifunctionality, and miniaturized size). This Special Issue is dedicated to the challenging topic of gas sensors and multifunctional gas sensing systems that are expected to improve the quality of human life when applied to achieve specific purposes in various areas of daily life. We invite all researchers working on gas sensors to submit their original research studies to this Special Issue.

Collection Editor

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Chemosensors

an Open Access Journal by MDPI

Impact Factor 3.7
CiteScore 7.3

mdpi.com/si/75158

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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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