

Special Issue

Advanced Sensors in Hydrogen and Fuel Detection

Message from the Guest Editors

This Special Issue of *Chemosensors* focuses on recent advances and development in hydrogen and the detection of other fuels, including (but not limited to) methane, LPG, petrol, propane, and other energy-carrier gases. Papers regarding the characterization and metrological evaluation of the sensing performance of any kind of sensors are warmly welcome, including optical, magnetic, semiconductor, gravimetric, and surface acoustic wave sensors. Review manuscripts on the current state of the art and theoretical models on sensing mechanisms are also welcome. Keywords

- Gas sensors
- Hydrogen
- LPG
- Methane
- Fuels
- Optical sensors
- SAW sensors
- Microbalance sensors
- Metal oxide, carbon, dichalcogenide-based sensors
- Magnetic sensors
- Micro and nanofabrication
- Gas sensing mechanism
- Leakage detection

Guest Editors

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Deadline for manuscript submissions

closed (15 April 2022)



Chemosensors

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 7.3



mdpi.com/si/96026

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About the Journal

Message from the Editorial Board

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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