Special Issue

Chemical Sensors Applied in Complex and Extreme Conditions

Message from the Guest Editors

Chemical information is essential and necessary in environmental monitoring, industrial processing and medical diagnosis. This is the reason chemical sensing has attracted considerable attention in recent years. However, in most cases, chemical sensors are suffered from poor selectivity, low sensitivity and instablity in difficult and complex conditions. Advanced technologies and unique sensing strategies are required to improve the sensing performance of sensors. This special issue is dedicated to state-of-the-art research that is focused on chemical sensors appllied in complex and extreme conditions, including high temperatures, high humidity, within a living organism, and multiple environmental interferences. Papers describing novel sensing materials, sensing mechanisms, sensor package, sensing signal processing, practical sensor technology and applications are of interest. Potential topics include but are not limited to the following:

- Gas Sensors and Electronic Noses
- Electrochemical Sensing
- Nanosensors
- Fiber Optic Chemical Sensors
- Spectroscopic Chemical Sensing

Guest Editors

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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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