Special Issue

Spectroscopy Gas Sensing and Applications

Message from the Guest Editors

The use of the optical absorption of gas to detect gas concentrations has been used in a wide range of applications, including environmental and industrial monitoring. Optical gas sensing techniques include nondispersive infrared gas sensors, spectrophotometry, tunable diode laser spectroscopy and photoacoustic spectroscopy. Gas sensing based on optical technology is an ideal choice for various applications, as it has a high selectivity and high sensitivity. Spectroscopy gas sensing has always been a hot topic, With topics including infrared absorption, Raman spectroscopy, photoacoustic spectroscopy, etc. How to improve the sensitivity and applicability of spectroscopy gas sensing is still a problem worthy of research. This Special Issue, entitled “Spectroscopy Gas Sensing and Applications”, will focus on original papers reporting recent developments in these techniques and new insights in gas sensing methods, as well as those reporting on the important key sensing components and field-testing applications. For more details, please visit here.

Guest Editors

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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