

Special Issue

Optical Sensing for Chemical Application

Message from the Guest Editors

This Special Issue will cover the application of chemical sensors based on optical methods for the detection and identification of historical, transient, or emerging events that are industrial, environmental or biological in origin. We are interested in all studies involving chemical sensors that can contribute to advances in a broad range of applications. It is expected that a wide range of sensing technologies will be covered by this Special Issue, including novel analytical methodologies, unique platforms, or improvements to existing methods. For this Special Issue, we are soliciting both original research papers and review articles devoted to instrumentation, methodology, data analysis, or some combination of these which can impact the development of better chemical sensors. Keywords:

- optical sensing
- Raman
- optical surface plasmon resonance
- chemometrics
- fiber optic sensing
- event detection
- classification
- calibration
- high throughput screening

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closed (31 July 2024)



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About the Journal

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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