



State-of-the-Art in Electronic Nose Based on Optoelectronic/Electrochemical Sensors

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Message from the Guest Editors

Nowadays, the analysis of volatile organic compounds (VOCs) is very important in various domains. In recent decades, electronic noses based on optical and electrochemical sensor array have emerged as promising alternatives to traditional analytical methods to detect the trace amount of analyte.

The Special Issue of *Chemosensors* aims to collect both reviews and original research papers on the latest research activities in the field of electronic nose based on optoelectronic/electrochemical sensors, relevant to their applications. Potential topics include, but are not limited to, the following:

- Novel concepts of electronic nose based on optoelectronic/electrochemical sensors
- New operating principles for electronic nose based on optoelectronic/electrochemical sensors
- New sensor substrate and elements for optoelectronic/electrochemical sensors fabrication
- Digital imaging methods of colorimetric and fluorometric sensors
- Feature data selection and multivariate data analysis (volatile organic compounds, aqueous analytes, toxic chemicals, etc.)
- Applications of electronic nose based on optoelectronic/electrochemical sensors



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Message from the Editor-in-Chief

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New chemical sensors design

Electrochemical devices, potentiometric sensor, redox electrode

Optical chemical sensors

Analytical methods

Environmental monitoring

Gas detectors

electronic nose, etc.

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