



Feature Papers on Optical Chemical Sensors and Biosensors

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Message from the Guest Editor

Chemical sensors and biosensors can provide fast, low-cost, in situ analysis with compact devices that facilitate their potential ability to overcome the limitations of many conventional methods.

Extensive research efforts in the field of sensors and biosensors, along with taking advantage of advances in active optical materials and transducers, among others, have enabled the development of sophisticated, miniaturized devices to address the growing need for new analytical tools and detection strategies.

The main objective of this Special Issue is to illustrate, through selected papers, outstanding research in the field of chemical sensors and optical biosensors, reflecting the latest advances in the field. To this end, different test concepts and formats, transducer systems, etc., can be explored. Topics include but are not limited to the following:

- Optical sensors
- Biosensors
- Nanomaterials
- Fluorescence
- Immunoassay
- Microtechnology
- Molecularly imprinted polymers
- Nobel (bio)recognition elements
- Point-of-care testing devices





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Message from the Editor-in-Chief

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