

Special Issue

Chemical Sensors in Analytical Chemistry

Message from the Guest Editors

Analytical chemistry has developed by finding numerous fundamental principles in chemical measurement and has now been applied not only for basic sciences, but also for applied sciences. One of the powerful tools in simple and reliable chemical measurement utilizes a chemical sensor which produces a detection signal in response to the change in quantity of a specific analyte. Efforts in developing functionalized chemical sensors have offered sensitive and specific (and economical) detection systems, and such research is in great demand to achieve the Sustainable Development Goals. This Special Issue will cover state-of-the-art developments in chemical sensors and chemical analysis. Topics of interest include but are not limited to the detection method utilizing colorimetry, fluorescence, chemiluminescence, electrochemistry, and other spectrometric measurements such as NMR, MS, etc., with materials containing a minimal amount of an analyte with abundant contaminants, e.g., foods, consumables, environmental samples, and biological samples. For detailed information, please visit [here](#).

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Deadline for manuscript submissions

closed (30 November 2023)



Sensors

an Open Access Journal
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Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/83853

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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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