



sensors



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Chemical Sensors in Analytical Chemistry

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closed (30 November 2023)

Message from the Guest Editors

Dear Colleagues,

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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Special Issue



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Message from the Editor-in-Chief

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