Special Issue

Advanced Colorimetric and Fluorescent Sensors and Their Application in Detection, 2nd Edition

Message from the Guest Editor

Recent developments in colorimetric sensors, which have been an important trend in the past two decades, have helped researchers to make rapid progress in analytical chemistry, with several eminent research groups worldwide working to prepare novel chemical sensing platforms. These systems can be cost-effective, sensitive, and selective, and can also be printed on chips or surfaces. Moreover, the main advantages of such methods include the possibility of designing naked eye visualization systems or ease of measuring changes in color using microtiter plate readers, smartphones, cameras, or using image capturing systems. Several approaches have advanced the rapidly evolving field of sensing for the detection of clinical markers, emerging diseases, pesticides, antibiotics, micro-pollutants, heavy metals, and toxic chemical compounds in an inexpensive way, including visual imaging and spectrophotometric or fluorometric measurements.

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Deadline for manuscript submissions

30 September 2025

Chemosensors

an Open Access Journal by MDPI

Impact Factor 3.7
CiteScore 7.3

mdpi.com/si/217224

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Chemosensors continues to grow as a forum for all manners of sensing that encompass chemistry. *Chemosensors* is published in open access format – all articles and content are released on the internet immediately following acceptance, thus allowing unlimited access to the content as soon as it is published. We would be happy to have you join our growing list of authors.

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