

Special Issue

Innovative Technologies in Food Detection—2nd Edition

Message from the Guest Editor

With the rapid development of economic globalization, food safety problems occur frequently, which poses a great threat to public health. At present, the traditional detection methods for food contaminants mainly use high-performance liquid chromatography, gas chromatography, liquid chromatography tandem mass spectrometry, enzyme-linked immunoassay, PCR, etc. Although these detection methods can produce accurate detection results, the detection process is cumbersome and complicated, and it is difficult to achieve rapid detection in the field. Therefore, the food industry and consumers demand innovative technologies to ensure the quality and safety of food in the supply chain. This Special Issue aims to call for the latest innovative sample preparation technologies and analytical techniques applied for the quality and safety analysis of food products. This Special Issue will collect publications on topics including (but not limited to):

- Solid-phase extraction techniques;
- QuEChERS methods;
- Porous nanomaterials;
- Optical nanosensors;
- Spectroscopic techniques;
- Electrochemical detection techniques.

Guest Editor

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Deadline for manuscript submissions

20 September 2025



Applied Sciences

an Open Access Journal
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Impact Factor 2.5
CiteScore 5.3



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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