Special Issue

Advanced Research on Rapid and Multiplex Detection Methods in Food Safety

Message from the Guest Editor

Food products are vulnerable to various factors that can introduce physical, chemical, and biological hazards. Alongside unintentional contamination, deliberate adulteration for economic gain has become a pressing issue. The ramifications of food adulteration are not only limited to consumer deception, but also encompass potential health hazards. Novel methods for analyzing food products are being actively pursued to effectively detect contaminants or adulterations. Instrumental methods play an essential role in contemporary food analysis. These methods harness various physical or physicochemical phenomena to extract signals from the analyte. Methods rooted in biological sciences, notably metabolomics, genomics, transcriptomics, and proteomics, also hold a significant place. By integrating these sophisticated methodologies, the assurance of food safety and quality can be fortified, ensuring that consumers are protected from potential hazards and deceptive practices. This Special Issue warmly welcomes both original research papers and reviews encompassing all the aspects mentioned above or similar topics.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Foods (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, Foods has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

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