Special Issue

Rapid Detection Methods for Food Fraud and Food Contaminants

Message from the Guest Editor

Recent food crises have underlined how the problem of fraud detection and contaminant prevention is real and urgent, and it pinpoints the necessity for more effective and protective array of quality control methods. The improvement should include technologies, analytical methods, and data analysis. Fingerprinting approaches coupled with powerful chemometric algorithms have proved to be a great ally for food fraud detection. On the other hand, sensitive and accurate instrumentation is often required to assure effective contaminant control, although many emerging contaminants need smart sample preparation rather than powerful instrumentation. The target of this Special Issue is to present the state-of-the-art of rapid detection methods for food fraud and food contaminants. Papers dealing with the optimization of sample preparation, analytical approaches, and data handling will be presented.

Guest Editor

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Deadline for manuscript submissions

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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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.9 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).

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