Special Issue

Research on Food Chemical Safety

Message from the Guest Editors

This Special Issue aims to explore the latest advances in the identification, risk assessment, and management of chemical hazards in food. It covers topics such as the formation and mitigation of contaminants such as pesticide residues, heavy metals, mycotoxins, and food contact materials, together with their toxicological profiles and exposure risks. Advances in analytical methods, including high-resolution mass spectrometry, biosensors, and machine learning-enhanced chemometric techniques, are critical for detecting lowlevel contaminants and predicting safety compliance in real time. In addition, contributions addressing regulatory challenges, risk-benefit analyses, and the development of novel risk communication strategies are welcomed to guide policymaking and public health interventions. By bringing together cutting-edge research and multidisciplinary perspectives, this Special Issue aims to advance our collective understanding of food chemical safety, facilitating the development of safer, high-quality food products while minimising public health risks.

Guest Editors

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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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