

Special Issue

Green Analytical Technology for Assessment of the Chemical Risks in Foods

Message from the Guest Editor

This special issue is dedicated to the latest advancements in Green Analytical Chemistry as it pertains to the assessment of chemical risks in foods. We invite contributions that showcase innovative analytical methods, techniques, and protocols designed to minimize environmental impact while maximizing the accuracy and sensitivity of food safety assessments. The focus will be on studies that employ green chemistry principles to develop sustainable solutions for the detection and quantification of chemical contaminants in food matrices. Key Topics (but not limited to):

- Development of green extraction techniques for food samples analysis;
- Application of green solvents and reagents in food analysis;
- Implementation of green sensors and biosensors for food safety;
- Green methods for the detection of pesticide residues, mycotoxins, and other pollutants in food;
- Strategies for reducing solvent usage, waste generation, and energy consumption in food analysis;
- Validation and comparison of green analytical methods with traditional approaches.

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.

Editor-in-Chief

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