

Special Issue

Residues and Contaminants in Foodstuffs: Extraction, Analytical and Advanced Detection Methods

Message from the Guest Editors

Food safety remains a global priority, as evidenced by the prevalence of residues and contaminants such as pesticides, veterinary drug residues, heavy metals, mycotoxins, and emerging pollutants. These contaminants pose significant risks to human health. The effective detection and quantification of these contaminants necessitates advanced sample preparation techniques, including QuEChERS (quick, easy, cheap, effective, rugged, and safe), solid-phase extraction (SPE), liquid–liquid extraction (LLE), dispersive solid phase extraction (DSPE), and pressurized liquid extraction (PLE), which are tailored to complex food matrices such as cereals, dairy products, meat, seafood, fruits, vegetables, and processed foods. This Special Issue seeks high-quality research on innovative extraction methods, miniaturized and green analytical techniques, and state-of-the-art detection technologies. We cordially invite studies that explore automated, high-throughput, and AI-assisted analytical workflows, as well as multiresidue methods that enhance food safety monitoring.

Guest Editors

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Deadline for manuscript submissions

31 March 2026



Foods

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 8.7
Indexed in PubMed



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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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