

Special Issue

Application of Nanomaterials and Nanotechnology in Food Safety Control

Message from the Guest Editor

Ensuring food safety is an ongoing global challenge, particularly as the food industry faces growing demands for higher production, extended shelf life, and stringent contamination control. The utilization of nanomaterials and nanotechnology offers novel solutions to enhance the safety of the food supply chain. We invite original research articles and reviews on topics such as nanomaterial-based sensors for the detection of pathogens, toxins, allergens, chemical contaminants, and adulterants in food products. Contributions exploring nano-based food packaging technologies, such as antimicrobial nanocoatings and smart packaging with integrated sensing capabilities, are also highly encouraged.

Guest Editor

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Deadline for manuscript submissions

closed (31 July 2025)



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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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