

Special Issue

Advanced Technology Application in Food Quality and Safety and Intelligent Inspection Equipment

Message from the Guest Editors

This Special Issue addresses the growing demands of the modern food industry by focusing on the innovative integration of advanced technologies for enhancing food quality and safety. It explores how the convergence of Artificial Intelligence, spectral imaging, IoT, and blockchain is transforming quality control paradigms and fostering the development of a new generation of intelligent inspection equipment. Topics of interest include intelligent sensing, data analytics, process optimization, full-chain traceability, and the development of novel inspection devices. By providing a platform for cutting-edge research, this collection aims to showcase pivotal advancements and support the intelligent and sustainable evolution of the food sector.

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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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