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Fast Non-destructive Detection Technology and Equipment for Food Quality and Safety

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Message from the Guest Editors

Dear Colleagues,

Fast non-destructive detection technology and equipment for food quality and safety is a powerful technical support tool to ensure the development of food industry informatization and intelligence, with the advantages of fast speed, convenient operation, and easy online inspection. During the past two decades, technologies have found numerous successful applications and agricultural product detection and processing. Owing to improvements in the manufacture of photoelectric sensor pieces and progress in artificial intelligence and software algorithms, fast nondestructive detection technologies provide more accurate, reliable, and stable solutions for food quality and safety detection and processing. They are closely integrated with the Internet of Things and intelligent manufacturing, promoting a new wave of innovation in intelligent manufacturing in the food industry. The application of new sensing technology and equipment in fast nondestructive detection of food has always been at the forefront. This issue aims to focus on the latest research progress of the application and jointly discuss the focus of development of this research direction







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Message from the Editor-in-Chief

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