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Advanced Disinfection Technologies of Fruits and Vegetables

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Message from the Guest Editor

With a growing demand for safe, nutritious, and fresh-like produce, a number of disinfection technologies have been developed. These technologies should be effective against a broad range of foodborne pathogens, and they should be compatible with the delicate tissues of fruits and vegetables. New disinfection technologies include physical and chemical methods. The chemical treatments, including chlorine dioxide, ozone, electrolyzed water, essential oils, high-pressure carbon dioxide, and organic acids, are promising alternatives to traditional disinfection technologies to meet the rigorous food safety and shelf life demands. In recent years, non-thermal or novel thermal processes have been successfully tested in research laboratories for processing fruits and vegetables. I believe that this Special Issue will provide a valuable resource for researchers, food processors, and regulatory agencies who are interested in advanced disinfection technologies for fruits and vegetables. I hope that this Special Issue will stimulate further research and development in the area of advanced disinfection technologies for fruits and vegetables.



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Special Issue



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Message from the Editor-in-Chief

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