

Special Issue

Advanced Technology in Food Processing

Message from the Guest Editors

Dear colleagues, This Special Issue seeks to link the latest research on food processing to promote food safety, improve food quality, and ensure sustainable production using novel technology. Topics include, but are not limited to:

- Advanced applications of thermal processing methods such as microwave processing, ohmic heating, radio frequency heating, and infrared heating;
- Advanced drying, freezing, and thawing technologies;
- Emerging applications of non-thermal technologies such as cold-plasma treatment, irradiation, pulsed electric field treatment, and high-pressure processing;
- Advanced applications of acoustic technology integrated into food processing;
- Combining advanced technologies that create synergy to achieve the targeted quality and process economy;
- Environmentally friendly alternatives to conventional food processing methods;
- Innovative technologies such as 3D printing that produce customizable food;
- Novel techniques to increase the shelf-life of the product, such as intelligent packaging;
- Biotechnological methods to reduce hazardous risks such as pesticides, allergens, and toxins.

Guest Editors

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Message from the Editor-in-Chief

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