

Special Issue

Novel Technologies in Food Processing

Message from the Guest Editors

This Special Issue cordially invites cutting-edge research findings on the mechanisms, optimization processes, and application effectiveness of novel food processing technologies (including original research papers and reviews). Topics include, but are not limited to, the following: mechanistic understanding and process optimization of non-thermal food processing technologies (such as ultra-high pressure, cold plasma, pulsed electric fields, static magnetic fields, etc.); food additive manufacturing and structured food design technologies (such as 3D/4D printing, electrospinning, microfluidic manufacturing, vacuum freeze-drying, nanotechnology, etc.); emerging extrusion technology for polysaccharide/protein structural modification and enhancement (such as reactive extrusion, high-moisture extrusion, supercritical CO₂-assisted extrusion, etc.). Submissions should focus on the principles, advantages, efficiency, and applicability of novel food processing technologies. Furthermore, the cost, regulatory, and safety issues associated with these technologies should also be considered.

Guest Editors

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Dr. Hao Cheng

Deadline for manuscript submissions

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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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.8 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2026).