

Special Issue

3D Food Printing: Future Outlooks and Applications in Food Processing

Message from the Guest Editors

3D food printing represents a revolutionary approach to food processing that combines digital fabrication technologies with culinary innovation. This emerging technology offers unprecedented opportunities to customize food products for specific nutritional needs, create complex geometric structures previously impossible to achieve through conventional methods, and potentially transform food manufacturing, distribution, and consumption patterns. As global food systems face mounting challenges related to sustainability, resource efficiency, and personalized nutrition, 3D food printing presents promising solutions across multiple domains. This Special Issue aims to explore the latest advances, applications, and future prospects of 3D food printing technologies in food processing. We welcome research papers, reviews, and perspective articles addressing the technical innovations, material formulations, nutritional aspects, consumer acceptance, sustainability implications, and commercial applications of 3D food printing, with the goal of advancing this transformative technology toward practical implementation in our food systems.

Guest Editors

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Deadline for manuscript submissions

27 February 2026



Foods

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 8.7
Indexed in PubMed



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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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