

Special Issue

3D Food Printing: Future Outlook and Application in Food Sector

Message from the Guest Editor

3D food printing is an emerging technology for personalized food production and still under development to detect extensive value-chains. The initial examples of 3D food printing were based on paste extrusion of rather simple ingredients, such as processed cheese, cake frosting, and chocolate dating back to 2007. The food expectations of contemporary consumers have increased further from convenient tasty food towards integrating elements of active participation, personalization, sustainability, health, and well-being. 3D Food printing is one potential production technology that could accommodate the aforementioned expectations of the consumer. This Special issue is looking for contributions covering the following subjects:

- Ingredient and formulation requirements for 3D food printing and their characterization for diverse 3D printing technologies (e.g., paste extrusion, powder bed, ink jet printing);
- The development of novel food structures by 3D food printing;
- Delivery of personalized nutrition via 3D food printing;
- Consumer perspectives towards 3D printing technology and 3D-printed foods;
- Other related topics, such as business and market opportunities.

Guest Editor

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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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