Special Issue

Food Nanozymology: Nanobiocatalysis Advances in Food Science and Technology

Message from the Guest Editors

Food enzymology has been an important branch in food science and technology, due to the active roles of enzymes in the fields of food production, processing, analysis, safety and control. Meanwhile, the obvious intrinsic drawbacks (e.g., expensive, vulnerable, source limited) of enzymes have inspired the evolution of artificial mimics for enzymatic technologies. Nanozymes have emerged as robust candidates for enzyme mimicry. In the food field, increasing achievements have been witnessed in investigating the usability of nanozymes in food quality and safety detection, control and beyond. This Special Issue is aimed at providing selected contributions on advances in nanozyme research with regard to food-related applications in food detection, preservation, cleaning, nutrition, and waste processing. Potential nanozyme topics include, but are not limited to:

- Food and environmental detection;
- Recognition principles for food and environmental analytes;
- Nanozymes for decontamination;
- Bioactive nanozymes;
- Nanozymes against pathogen threats;
- Food preservation;
- Nanotoxicty of nanozymes;
- Future perspectives for food nanozymology.

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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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