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Enzymes in Food Industry: Fermentation Process, Properties, Rational Design and Applications

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Deadline for manuscript
submissions:

closed (30 March 2024)

Message from the Guest Editors

Dear Colleagues,

As common bio-macromolecular catalysts, enzymes are widely used in food preparation for improving the taste and texture of food products. More importantly, enzymes perform a crucial role in producing bioactive compounds, important food ingredients and some new nutritional ingredients, which can improve food quality and function. In this Special Issue, we welcome original research or review manuscripts that cover the utility of free enzymes and/or immobilized enzymes as efficient tools that can be applied to various aspects of the food industry. Specifically, novel enzyme mining, the structure–function relationship of enzymes, and the immobilization and modification of enzymes will be a focus. In addition, the development of novel enzymes for creating new food components and rational design of food enzymes are strongly encouraged.

Prof. Dr. Fufeng Liu

Dr. Jingming Zhao

Guest Editors



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Special Issue



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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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