Special Issue

Applications of Artificial Intelligence in Food Industry

Message from the Guest Editors

With breakthroughs of artificial intelligence (AI) under the fourth industrial revolution, intelligent applications are providing innovative solutions to the food industry. AI is able to support the positive transformation and upgrading of food technologies alongside the digitization, automatization, and intelligence of the food industry in light of its powerful perceiving, reasoning, and decision-making capabilities. Novel applications based on AI are changing all activities in the food industry, ranging from production, processing and packaging, transporting and storing, consuming and disposing, and benefiting all actors in food industry. Combined with technologies such as the Internet of Things (IoT) and Big Data, AI is facilitating the development of new recipes and food, food process simulation and optimization, food quality and safety monitoring, etc. This Special Issue, "Applications of Artificial Intelligence in Food Industry", focuses on advancing novel methods and applications in the food industry at the crossing of food and AI.

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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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