

Special Issue

Application of Computational Fluid Dynamics in Food Processing

Message from the Guest Editor

In the past two decades, with the ever-increasing processing power and the recent advances in cluster computing, computational fluid dynamics (CFD) has been widely and successfully extended into numerous areas of scientific research, including food science, food engineering, and food processing. This Special Issue is aimed at covering the current state-of-the-art of CFD in food science, from the most fundamental aspects (including how to solve the governing equations describing the fluid flow, or the treatment of boundary or inter-phase conditions, for example) to the myriad of applications of CFD for food processing purposes, including, but not limited to, the following: mass transfer and fluid flow in food processing, heating and cooling processes, frying processes, food texture, product shelf-life, and so on.

Guest Editor

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Deadline for manuscript submissions

closed (15 July 2020)



Foods

an Open Access Journal
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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.

Editor-in-Chief

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