Special Issue

Advances in Food Processing Technologies: Enhancing Quality, Safety, and Sustainability

Message from the Guest Editors

Food processing technologies play a vital role in ensuring the safety, quality, and sustainability of the global food supply. This Special Issue focuses on the recent advancements in these technologies and their impacts on food safety, product quality, and sustainability. The adoption of advancements in food processing technologies can improve consumer confidence, reduce waste, and create a sustainable food supply chain. Therefore, this Special Issue will search original scientific developments in the following areas:

- Advanced food technologies:
- Preservation techniques;
- Advanced thermal methods:
- Non-thermal technologies:
- Innovative packaging systems;
- Controlled fermentation:
- Food safety, quality, and sustainability.

Guest Editors

Prof. Dr. Pascal Degraeve

Bioingénierie et Dynamique Microbienne aux Interfaces Alimentaires Research Unit, IUT Lyon 1, Technopole Alimentec, Université Claude Bernard Lyon 1, ISARA Lyon, 155 rue Henri de Boissieu, 01000 Bourg en Bresse, France

Dr. Mariya Dushkova

Department of Process Engineering, University of Food Technologies, 4002 Plovdiv, Bulgaria

Deadline for manuscript submissions

20 February 2026



Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



mdpi.com/si/225935

Applied Sciences Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 applsci@mdpi.com

mdpi.com/journal/applsci





Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multidimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

