

Special Issue

Advances in Food Processing (Food Preservation, Food Safety, Quality and Manufacturing Processes)

Message from the Guest Editors

The aim of this Special Issue is to bring the most updated information on the food manufacturing processes. It will also address issues on the design of food processing operations and the necessary equipment, along with reliability, safety, and maintainability management tools. It will also examine food quality and safety requirements, including hygiene and food sanitation, ISO22000, HACCP, sensory evaluation of foods, and food waste management.

Highlights:

- Hygiene and food sanitation;
- Case studies on the implementation of ISO22000, HACCP, and other management tools such as failure mode and effect analysis, Pareto, and Ishikawa for the implementation of food safety/traceability;
- Food waste management case studies from the food industry along with life cycle analysis and circular economy;

The aim of this Special Issue is to attract papers in the general area of food processing while also addressing issues on quality and food safety, incorporating all the aforementioned principles. **Keywords:** food processing; preservation; food quality and safety management; food manufacturing; supply chain management; LCA; circular economy; reliability and maintainability management

Guest Editors

Prof. Dr. Theodoros Varzakas

Department of Food Science and Technology, University of Peloponnese, 24100 Antikalamos, Greece

Prof. Dr. Panagiotis Tsarouhas

Department of Computer Science and Biomedical Informatics, University of Thessaly, Papasiopoulou 2-4, GR-35131 Lamia, Greece

Deadline for manuscript submissions

closed (31 March 2021)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/36352

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

[mdpi.com/journal/
appls](https://mdpi.com/journal/appls)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



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 multi-dimensional 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, Embase, CAPIus / SciFinder, and other databases.

Journal Rank:

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