Special Issue

Advancements in Food Extraction Methodologies: Recent Progress and Practical Implementations

Message from the Guest Editors

The following Special Issue, entitled "Advancements in Food Extraction Methodologies: Recent Progress and Practical Implementations", will highlight cutting-edge research, technological innovations, and practical applications. We invite you to submit original research articles, review papers, and case studies addressing various relevant topics related to food extraction processes, including but not limited to the following:

- Emerging green extraction technologies for isolating compounds of interest from foods;
- Optimizing extraction parameters through computational and Al-based modeling approaches;
- Extracting nutraceutical or bioactive ingredients from plant, animal, or microbial sources, with potential application directly as foods or as food supplements;
- Industrial scalability of food extraction techniques:
- Economic and environmental impact assessments of extraction methods within the food sector;

Guest Editors

Dr. Marios Christodoulou

Laboratory of Chemical Engineering and Engineering Sustainability, Faculty of Pure and Applied Sciences, Open University of Cyprus, Nicosia 2231, Cyprus

Dr. Efstathios A. Elia

Department of Chemistry, University of Cyprus, Panepistimiou Avenue, Aglantzia, Nicosia 2109, Cyprus

Deadline for manuscript submissions

20 October 2025



Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



mdpi.com/si/239344

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applisci@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 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, CAPlus / SciFinder, and other databases.

Journal Rank:

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

