

Special Issue

Research Advances and Applications of Isotopic and Spectroscopic Analysis in Foods and Beverages

Message from the Guest Editors

Isotopic and spectroscopic analyses of foods and beverages have become increasingly important in various aspects of food science and technology. A great innovation of this era is undoubtedly sensory evaluation. These analytical techniques can be applied to any process during the manufacturing and production of food products and beverages to check the production line as well as the final products on the market. This Special Issue of "*Processes*" seeks high-quality research focusing on food analysis, mainly by obtaining isotopic and spectroscopic measurements during food processing or at the final product stage. Topics of interest include, but are not limited to, the following:

- Authenticity and traceability;
- Quality control and assurance (during production/manufacturing processes or of the final products);
- Food safety (during production/manufacturing processes or of the final products);
- Processing and packaging effects;
- Nutritional studies;
- Biochemical pathways and metabolism;
- Food authentication and certification;
- Innovative analytical techniques;
- Regulatory compliance and food fraud prevention.

Guest Editors

Dr. Maria Tarapoulouzi

Department of Chemistry, Faculty of Pure and Applied Science,
University of Cyprus, P.O. Box 20537, Nicosia CY-1678, Cyprus

Prof. Dr. Ioannis Pashalidis

Department of Chemistry, University of Cyprus, Nicosia 2109, Cyprus

Deadline for manuscript submissions

25 August 2026



Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



mdpi.com/si/206656

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

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





Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



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



About the Journal

Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto
Department of Drug Science and Technology, University of Turin, Via P.
Giuria 9, 10125 Turin, 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, AGRIS, and other databases.

Journal Rank:

CiteScore - Q2 (Chemical Engineering (miscellaneous))