Special Issue

Chromatography Analysis Methods of Bioactive Compounds in Foods

Message from the Guest Editors

Foods, and in particular vegetable foods, are rich in bioactive secondary. Consumers are continuously increasing their attention on quality parameters, product authenticity, and geographical origin. On the other hand, producers are mostly interested in the characterization of agricultural and agro-industrial byproducts and their possible uses in the framework of a circular and sustainable economy. Several chromatographic techniques and protocols can be developed to fully characterize the chemical profile of vegetable matrices, to determine all the different aspects, spamming from safety to varietal characterization, geographical origin, functional food, nutraceuticals, etc. In this Special Issue, we are encouraging the submission of manuscripts (both research and review papers) related to extraction and chromatographic characterization, via liquid chromatography, gas chromatography, ionic chromatography, coupled with any kind of detector (UV, DAD, MS, etc.) of bioactive secondary metabolites, particularly (but not exclusively) from fruits and vegetables, both from the edible compartment and agricultural and agro-industrial byproducts.

Guest Editors

Prof. Dr. Gabriella Tamasi

Department of Biotechnology, Chemistry and Pharmacy, University of Siena, 53100 Siena, Italy

Prof. Dr. Claudio Rossi

Department of Biotechnology, University of Siena, 53100 Siena, Italy

Deadline for manuscript submissions

closed (15 October 2022)



Foods

an Open Access Journal by MDPI

Impact Factor 5.1
CiteScore 8.7
Indexed in PubMed



mdpi.com/si/95228

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

mdpi.com/journal/ foods





Foods

an Open Access Journal by MDPI

Impact Factor 5.1 CiteScore 8.7 Indexed in PubMed



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

Prof. Dr. Arun K. Bhunia

- 1. Department of Food Science, Purdue University, West Lafayette, IN 47907, USA
- 2. Department of Comparative Pathobiology, Purdue University, West Lafavette. IN 47907. USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, FSTA, AGRIS, PubAg, and other databases.

Journal Rank:

JCR - Q1 (Food Science and Technology) / CiteScore - Q1 (Health Professions (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.9 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).

