

Special Issue

Separation and Purification of Functional Components of Foods and Herbs

Message from the Guest Editor

Separation and purification are two essential steps in the research and development of functional components in foods and herbs. However, foods and herbs usually contain a wide variety of chemical constituents and the abundance of target ingredients is low in many cases, thus representing a great challenge in the separation and purification of functional components. As a result, innovative methods and efficient techniques (e.g., green extraction) are critical in the separation and purification of functional components. The protocols of extraction and recovery should be environmentally friendly and cost-effective. In particular, they should not destroy the natural properties and health benefits of functional components. Cordially, we invite you to contribute your research article, communication or review to this Special Issue; this should address the separation and purification of the functional components of foods and herbs, and their physicochemical properties, health benefits or biological activities.

Guest Editor

Prof. Dr. Huafeng Zhang

National Engineering Laboratory for Resource Development of Endangered Crude Drugs in Northwest China, International Joint Research Center of Shaanxi Province for Food and Health Sciences, Shaanxi Normal University, Xi'an, China

Deadline for manuscript submissions

closed (20 June 2025)



Separations

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 4.5



mdpi.com/si/203567

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

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





Separations

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 4.5



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



About the Journal

Message from the Editor-in-Chief

Separations offers the scientific community a high-quality, open-access journal option with rapid time-to-publication without any sacrifice of a rigorous peer-review process. We invite contributions ranging from fundamental characterization and instrumentation development through application of techniques to shed light on a broad spectrum of separation science needs. Since inception, *Separations*, has become unique in its combination of rapid publication and thorough scientific content. We invite you to consider us for your next contribution.

Editor-in-Chief

Prof. Dr. Frank L. Dorman
Department of Chemistry, Dartmouth College, Hanover, NH 03755,
USA

Author Benefits

High Visibility:

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

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.3 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).

Recognition of Reviewers:

reviewers who provide timely, thorough peer-review reports receive vouchers entitling them to a discount on the APC of their next publication in any MDPI journal, in appreciation of the work done.