

## Special Issue

# Advances in the Separation Analysis of Food Constituents, Residues, and Contaminants

### Message from the Guest Editors

The task of food analysis and food control is wide ranging and multi-faceted, encompassing the qualitative and quantitative composition assessment, but also consumer protection and evaluation of conformity to food legislation. Consumer concerns and government regulations focused on food safety dictate the need for selective and sensitive screening methods to provide reliable quantitative data on several food hazards, including chemical materials, environmental toxins, pesticides, micotoxins, and allergens. Food authenticity and traceability have also become important subjects in a holistic approach to food testing. In this complex scenario, sampling and sample preparation may also be a significant challenge due to the low levels of the chemicals and the complex food matrices. Separation scientists are warmly invited to contribute to this Special Issue of Separations journal devoted to "Advances in the analysis of food constituents, residues, and contaminants". Your inputs will provide future directions for the research or guidelines for standard tests and benchmarks that can help regulatory agencies. Both original research as well as critical review papers are welcome.

### Guest Editors

Prof. Danilo Sciarrone

Dipartimento di Scienze Chimiche, Biologiche, Farmaceutiche ed Ambientali, Polo Annunziata, University of Messina, viale Annunziata snc, 98168 Messina, Italy

Prof. Dr. Paola Donato

Dipartimento di Scienze Biomediche, Odontoiatriche e delle Immagini Morfologiche e Funzionali, University of Messina, Viale Ferdinando Stagno d'Alcontres n° 31, 98166 Messina, Italy

### Deadline for manuscript submissions

closed (30 January 2023)



## Separations

an Open Access Journal  
by MDPI

Impact Factor 2.7  
CiteScore 4.5



[mdpi.com/si/78870](https://mdpi.com/si/78870)

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