



Application of Separation Methods in Food Analysis

Guest Editor:

Dr. Yao Jin

College of Biomass Science and
Engineering, Sichuan University,
Chengdu 610065, China

yaojin12@scu.edu.cn

Deadline for manuscript
submissions:

10 November 2022

Message from the Guest Editor

A major focus of the food industry has always been the improvement of food quality, particularly as it relates to sensory and nutritional properties. Among the food ingredients, bioactive compounds such as carotenoids, polyphenols, functional proteins and polysaccharides are drawing increasing attention for their potential to enable modern food manufacturing. Regarding methodology, the application of separation methods such as the conjunction of emerging technologies (e.g., modern membrane technology) with chromatography has opened great opportunities for a more comprehensive analysis of bioactive compounds, which has developed into quite a research community.

This Special Issue intends to collect recent findings related to innovative separation methods or technology applications in the analysis of foods, beverages or functional compounds, with the aim of assessing their authenticity, safety, aroma or health-promoting potential. This Special Issue will cover various topics, including but not limited to the separation, identification or analysis of bioactive compounds.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Frank L. Dorman

Department of Biochemistry and
Molecular Biology, The
Pennsylvania State University,
107 Althouse Labs, University
Park, PA 16802, USA

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, *Chromatography*, has become unique in its combination of rapid publication and thorough scientific content. We invite you to consider us for your next contribution.

Author Benefits

Open Access:— free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [CAPlus / SciFinder](#), and [other databases](#).

Journal Rank: [JCR - Q2](#) (*Chemistry, Analytical*)

Contact Us

Separations
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

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