

Special Issue

Development of Highly Efficient Separation-Based Analytical Methods for Food Integrity Assurance

Message from the Guest Editors

In recent years, highly efficient separation-based analytical methods have played an increasingly important role in food integrity (authenticity, safety and quality) and assurance for public health. Remarkable advances have been achieved in the development and optimization of separation-based analytical methods, which is useful for both the precise analysis and reliable identification of various food pathogens, contaminants, adulterants, and other risk factors. This Special Issue will include both well-drafted manuscripts providing an overview of the current knowledge of highly efficient separation-based analytical methods and analytical procedures, and experimental investigations utilizing novel techniques with advanced materials or instrumental devices to address specific analytical problems in food samples for food integrity analysis. The aim of this Special Issue is to not only provide a general overview of the modern separation-based analytical methods used to analyze and identify various deleterious, [...] For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/separations/special_issues/Separation_Integrity

Guest Editors

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Deadline for manuscript submissions

closed (31 October 2023)



Separations

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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

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).