Special Issue

Extraction and Analysis of Active Ingredients from Natural Products

Message from the Guest Editors

Active ingredients in natural products are receiving increasing attention around the world, mainly as a result of their close relationship with human wellness. Extraction and analysis are considered to be two important aspects for improving the quality and application of active ingredients in natural products. This Special Issue focuses on the methods employed in the extraction, separation and analysis of active ingredients in natural products. Manuscripts should focus on—but are not limited to—the following topics:

- Extraction methods, such as ultrasound-assisted extraction, microwave assisted extraction, high pressure assisted extraction, and supercritical fluid extraction.
- Separation methods, including membrane separation, column chromatography, molecular imprinting technique and crystallization.
- Chromatographic based analysis, such as HPLC, GC, LC-MS, and GC-MS.
- Non-chromatographic methods, including chemiluminescence and Raman spectroscopic techniques.
- Computational modelling of separations.

Original research papers, reviews and short communications are welcome.

Guest Editors

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Prof. Dr. An Zhou
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Deadline for manuscript submissions

closed (20 July 2023)

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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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Author Benefits

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Rapid Publication:

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).