

Special Issue

Recent Advances in Microextraction Technology for Analytical Sample Preparation

Message from the Guest Editors

“Microextraction is defined as an extraction technique where the volume of the extracting phase is very small in relation to the volume of the sample, and extraction of analytes is not exhaustive”: this definition was coined by Lord and Pawliszyn in 2000. Twenty years later, this definition is still valid, and extraction techniques play a fundamental role in the development of an analytical method. Today, extraction procedures range from classic procedures involving liquid-liquid extraction to new methodologies involving molecularly imprinted polymers. This Special Issue aims to showcase the state of the art of classic microextractions and give an overview of new advances in microextraction technology. Contributions ranging from theory to instrumentation and applications in different fields (e.g., food, environment, forensic, pharmaceutical, clinic) are welcome.

Guest Editors

Prof. Dr. Mario Vincenzo Russo

Department of Agriculture, Environmental and Food Sciences,
University of Molise, Campobasso via De Sanctis, I-86100
Campobasso, Italy

Prof. Dr. Pasquale Avino

1. Department of Agricultural, Environmental and Food Sciences
(DIAAA), University of Molise, Via de Sanctis, 86100 Campobasso, Italy
2. Institute of Atmospheric Pollution Research, Division of Rome, c/o
Ministry of Environment and Energy Security, 00147 Rome, Italy

Deadline for manuscript submissions

closed (30 June 2023)



Separations

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 3.0



mdpi.com/si/112057

Separations
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 2.5
CiteScore 3.0



[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 12.4 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2024).

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.