

Special Issue

Application of Separation Technology in Comprehensive Utilization of Solid Waste

Message from the Guest Editors

The double pressure of solid waste pollution and shortage of natural resources threatens the survival and life of human beings. The comprehensive utilization of solid waste is an effective and the best way to save resources and prevent pollution. Separation technology is an important technical means for the comprehensive utilization of solid waste. The separation technology can improve the resource recovery and utilization rate of solid waste, reduce environmental pollution, promote the resource utilization of solid waste, and reduce the pressure of landfill. Therefore, the purpose of this publication is to introduce the application of separation technology in the comprehensive utilization of solid waste. We are pleased to invite you to contribute your research article, communication, or review in this Special Issue dedicated to the separation and recycling of resources in solid waste.

Guest Editors

Dr. Pengfei Liu

School of Ecology and Environment, Zhengzhou University, Zhengzhou, China

Dr. Wenfen Wu

Institute of Process Engineering (IPE) of Chinese Academy of Sciences (CAS), Beijing, China

Deadline for manuscript submissions

closed (10 June 2025)



Separations

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 6.4



mdpi.com/si/219509

Separations
Editorial Office
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 2.7
CiteScore 6.4



[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.

Journal Rank:

CiteScore - Q2 (Analytical Chemistry)

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).