Special Issue

Separation Techniques for Wastewater Treatment

Message from the Guest Editors

We would like to publish a Special Issue (SI) entitled "Separation Techniques for Wastewater Treatment" in Separations. This SI aims to provide a global platform for researchers to disseminate recent advances in the fundamentals, technological innovations, and industrial applications of separation techniques in water/wastewater treatment. Papers related to the following areas are encouraged:
Novel separation technologies; Innovative membrane separation technologies for selective pollutant removal; Advanced adsorption materials and processes; Coupled separation processes; Emerging technologies for high-salinity wastewater treatment; Advanced optimization of traditional separation processes; Eco-friendly modification of coagulation-flotation/sedimentation processes; Hybrid systems for complex wastewater treatment; Sustainable and intelligent separation systems; Resource recovery in separation processes; AI-driven separation process monitoring and optimization; Development and application of bio-based separation materials.

Guest Editors

Dr. Xiaomin Ma

Department of Mineral Processing Engineering, Taiyuan University of Technology, Taiyuan 030024, China

Dr. Ming Chang

College of Mining Engineering, Taiyuan University of Technology, Taiyuan 030024, China

Deadline for manuscript submissions

20 June 2026

Separations

an Open Access Journal by MDPI

Impact Factor 2.7
CiteScore 4.5

mdpi.com/si/257796

Separations
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
separations@mdpi.com

mdpi.com/journal/separations

Separations

an Open Access Journal by MDPI

Impact Factor 2.7
CiteScore 4.5

mdpi.com/journal/separations

MDPI

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 16.3 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).

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.