Special Issue

Functional Materials in Adsorption and Separation

Message from the Guest Editor

This Special Issue, entitled "Functional Materials in Adsorption and Separation," aims to highlight recent advances in the design, synthesis, and application of functional materials for adsorption and separation processes. With growing concerns over environmental pollution and resource recovery, the development of efficient and selective adsorbents and separation materials has become increasingly important. This Special Issue will cover a broad range of topics, including, but not limited to, the following: porous materials, nanocomposites, and polymers, with applications in gas separation, water purification, and other newly emerged pollutant removal. We welcome original research articles and reviews that address both fundamental studies and practical applications. providing a platform for researchers to share innovative strategies and solutions in this rapidly evolving field. We look forward to receiving your contributions.

Guest Editor

Dr. Hui Li

Xinjiang Key Laboratory of Separation Material and Technology, The Xinjiang Technical Institute of Physics and Chemistry, Chinese Academy of Sciences, Urumqi 830011, China

Deadline for manuscript submissions

10 March 2026



Separations

an Open Access Journal by MDPI

Impact Factor 2.7
CiteScore 4.5



mdpi.com/si/255977

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



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.

