Special Issue

Selective Separation of Heavy Metals from Water/Soil

Message from the Guest Editors

The aim of this Special Issue is to report recent promising research on current practices, advances, and new perspectives on the effective or selective removal of heavy metals from contaminated water and soil, considering (i) physical-chemistry technologies; (ii) bioremediation technologies; (iii) electrochemical technologies; and (iv) membrane separation technologies. In addition to environmental decontamination, the design of advanced functional material used for the selective recovery of heavy metals will also be discussed, including metal-organic frameworks, biomass, hydrogel, nanomaterials, and natural macromolecular substances.

Guest Editors

Dr. Keji Wan

National Engineering Research Center of Coal Preparation and Purification, China University of Mining and Technology, Xuzhou 221116, China

Dr. Shuwen Xue

School of Chemical Engineering and Technology, China University of Mining and Technology, Xuzhou 221116, China

Deadline for manuscript submissions

closed (31 January 2024)



Separations

an Open Access Journal by MDPI

Impact Factor 2.7 CiteScore 4.5



mdpi.com/si/182842

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



separations



About the Journal

Message from the Editor-in-Chief

Separations offers the scientific community a highquality, open-access journal option with rapid time-topublication without any sacrifice of a rigorous peerreview 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.