separations

an Open Access Journal by MDPI

IMPACT FACTOR 2.5

CITESCORE 3.0

Recent Research on Extraction and Separation of Ionic Liquids

Guest Editor:

Prof. Dr. Shun Yao
School of Chemical Engineering, Sichuan University, Chengdu 650061, China

Deadline for manuscript submissions:
closed (20 October 2023)

Message from the Guest Editor

As a new kind of new green solvent, ionic liquids are represented as fluid, semi-organic salts comprising a bulky asymmetric organic cations, such as imidazolium, phosphonium, sulfonium, ammonium, pyridinium, piperidinium, pyrrolidinium, morpholinium, and weakly coordinating organic or inorganic anions (including halides, tetrafluoroborate, hexafuorophosphate, trifate, bis(trifuoromethylsulfonyl) imide, dicyanamide) at or near room temperature). Many applications for them have been reported in recent years. Now, we would like to invite you to contribute with original research articles and reviews to the present Special Issue on the latest trends on the comprehensive use of ionic liquids in the extraction and separation for various objects (harmful substances, bioactive ingredients, biological samples, fine chemicals, etc.) and different purposes (removal, preparation, quantification, etc.).

separations

IMPACT FACTOR 2.5

CITESCORE 3.0

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Frank L. Dorman
Department of Chemistry, Dartmouth College, Hanover, NH 03755, USA

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
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).

Contact Us

Separations Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/separations
separations@mdpi.com
𝕏@Sep_MDPI