



Preparative Chromatography of Aqueous Solutions

Guest Editors:

Dr. Svatopluk Henke

Department of Carbohydrates
and Cereals, University of
Chemistry and Technology,
Prague, Technická 5, 166 28,
Prague 6, Czech Republic

Dr. Ludek Jelinek

Department of Power
Engineering, University of
Chemistry and Technology,
Prague, Technická 5, 166 28,
Prague 6, Czech Republic

Deadline for manuscript
submissions:

closed (15 March 2022)

Message from the Guest Editors

Preparative chromatography has in many cases an exclusive role in the production and purification of various substances, sometimes being the only useful method of isolating them from a mixture. The target substances can be organic and inorganic, nonpolar, polar or charged ones, contained in different matrices ranging from laboratory to industrial scale. If possible, there is an attempt to use a continuous chromatography method instead of a batch one, also called conventional or batch chromatography. The continuous methods usually come with higher efficiency and lower eluent consumption, but they are more complex as regards the construction and control of equipment, so process modeling, simulations, and various higher control systems are preferably used in the design and operation of these interesting separation processes.





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](#)