



Chromatography and Chemometrics

Guest Editor:

Dr. Giorgia Purcaro
Gembloux Agri-Bio Tech,
University of Liege, Liege,
Belgium

Deadline for manuscript
submissions:
closed (31 May 2019)

Message from the Guest Editor

Dear Colleagues,

The combination of chromatography and chemometric knowledge is becoming a precious tool to exponentially increase the level of information that can be extrapolated from any complex system under study. It is particularly true nowadays that chromatographic techniques, especially coupled to mass spectrometry, have achieved advanced technological developments that can provide a vast amount of data from which useful information can be extrapolated. The fields of application of the chromatography–chemometrics pair are wide, from more technical applications in chromatography (e.g., denoising of signals, signal enhancement, chromatographic alignment, etc.) to retention modeling, and from experimental design to unsupervised and supervised data analyses (e.g., classification, discrimination, etc.).

The aim of this Special Issue is to present the state-of-the-art of this powerful combination in different fields of chromatography, presenting comprehensive reviews and innovative applications in different fields.

Prof. Giorgia Purcaro

Guest Editor





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](#).

Journal Rank: CiteScore - Q2 (Analytical Chemistry)

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](#)