Special Issue

Chromatography and Chemometrics

Message from the Guest Editor

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.

Guest Editor

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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

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