Special Issue

Applications of Chromatography Technology

Message from the Guest Editor

Chromatography technologies, including high-performance liquid chromatography (HPLC), gas chromatography (GC), liquid chromatography-mass spectrometry (LC-MS), and gas chromatography-mass spectrometry (GC-MS), are powerful and generally applicable for the separation, identification, and determination of the chemical substances in complex mixtures. Chromatography can separate and detect a wide range of substances, from ions to compounds

The applications of chromatography have grown explosively in recent decades, due not only to the development of new types of chromatographic techniques but also to the growing need for characterizing complex mixtures. Chromatography has been a powerful and versatile tool for qualitative identification and quantitative determination in many fields such as biological analysis, pharmaceutical analysis, environmental analysis, food analysis, clinical analysis, metabolomics, and proteomics.

This Special Issue of Separations entitled “Applications of Chromatography Technology” will present the latest research and advancements. This Special Issue accepts research papers and critical reviews on all aspects of applications of chromatography.

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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