Special Issue

Chromatography: Theory, New Concepts, and Practical Applications

Message from the Guest Editor

Recently, chromatography has evolved, not only in technique and separation capacity but also in application. New packed fillers and columns have led to the ability to separate and analyze new compounds and compounds of a very different nature. The characteristics and composition of the new columns have made it possible to work at different flows and have consequently also led to improved analysis times. In this field, basic research has been and continues to be important with the aim of separating as many compounds as possible in the shortest analysis times. Furthermore, chromatography has proven to be an excellent analysis tool compatible not only with other instrumental techniques, but also with sample treatment techniques. Recently, chromatographic automation and miniaturization have become more important to achieve portable systems and simple and fast systems. This Special Issue aims to present readers with the hottest topics in chromatographic applications. The issue invites contributions relating, but not limited, to new separation methods, columns materials, new applications in biological or environmental samples, new miniaturization systems, or coupling to online devices.

Guest Editor

Prof. Dr. María Ramos-Payan
Department of Analytical Chemistry, Faculty of Chemistry, Universidad de Sevilla, 41012 Seville, Spain

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Separations
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
separations@mdpi.com

mdpi.com/journal/separations

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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

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

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