Special Issue

Application of Mass Spectrometry Technology in Geochemistry

Message from the Guest Editor

The *Separations* journal is currently launching a Special Issue with the title “Application of Mass Spectrometry Technology in Geochemistry”. Research papers targeting geochemistry involving mass spectrometry have historically mainly focused on element chemistry or allied methods. Since hyphenated analytical mass spectrometry such as GC-(HR)MS or (U)HPLC-(HR)MS has become the standard method in all kinds of -omics, these techniques are still underrepresented in geochemistry and related processes. This Special Issue aims to stress the significance of LC-MS, GC-MS, and related methods in the field of geochemistry. This Special Issue thus invites contributions such as original research articles, case studies or reviews on the current advances of applying metabolomics methods to geochemistry. Fundamental works dealing with the whole analytical process from sample preparation to data analysis are welcome, as well as applied research presenting novel analytical strategies, method development, and validation, including special applications such as (bio)-geochemical transformations.

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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