



Application of Mass Spectrometry Technology in Geochemistry

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

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.

Dr. Nico Ueberschaar
Guest Editor

