Special Issue

Frontiers in Microextraction for Trace Analysis

Message from the Guest Editors

In the trace analysis of analytes of interest, e.g., organic pollutants, heavy metal ions and specific elemental species, sample pretreatment before instrumental detection is of great significance. It serves to determine the analytical sensitivity, anti-interference ability/selectivity and sample throughput of the method to a great extent. To further improve the sample throughput, on-line microextraction systems and array microextraction systems have been developed. The rapid development of these microextraction techniques provides reliable technical support for the trace and ultra-trace analysis of environmental and biological samples. The aim of this Special Issue is to present a collection of articles reflecting the most recent research and developments in the construction of microextraction systems, along with their application in trace analysis. We strongly encourage contributions focusing on microextraction-involved methodologies for the quantification of trace and ultra-trace targets in environmental, biological, food, medical and other real samples.

Guest Editors

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As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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