Special Issue

Micro/Nano-Material-Assisted Sample Pre-treatment and Separation for Chemical and Biochemical Analysis

Message from the Guest Editors

The success of an analytical method mainly relies on sample pre-treatment and separation methods design. This Special Issue aims to present studies regarding the use of micro- and nano-materials for sample pre-treatment and separation for chemical and biochemical analysis applications. The detection tools can be the naked eye, optical spectroscopy, mass spectrometry, etc.Potential topics include, but are not limited to:Micro/nano-material-based analytical methods;
Micro/nano-material-based affinity methods;
Micro/nano-material-based solid-phase extraction/solid-phase microextraction;
Micro/nano-material-based separation methods;
Studies of interactions between micro/nano-materials and target species;
Synthesis and application of nanocomposites in sample preparation and separation;
Studies on the mechanism of adsorption and desorption of target species on nanomaterials.

Guest Editors

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closed (31 October 2022)

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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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