Special Issue

Development of Materials for Separation and Analysis Applications

Message from the Guest Editor

The Special Issue “Development of Materials for Separation and Analysis Applications” includes original research papers and critical reviews that conceptualize the development of new materials through the modification of natural and synthetic materials, synthesis methods, or functionalization processes in separation science. Materials with a high selectivity degree are applied in the development of techniques for extraction, separation, preconcentration, and removal. These techniques include systems such as solid-phase extraction (SPE), dispersive solid-phase extraction (DSPE), magnetic solid-phase extraction (MSPE), solid-phase microextraction (SPME), and others. In addition, their integration into detection methods such as Chromatography, Electrophoresis, Spectrophotometry, Electrochemistry, etc., allows the development of precise and selective analytical systems.

Guest Editor

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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

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