Special Issue

Nanoporous Polymer Composites

Message from the Guest Editors

Sample preparation plays a vital role prior to qualitative and quantitative analysis of trace analytes in complicated matrix samples. The extraction performance of sample preparation techniques largely depends on the properties of the sorbents. Nanoporous polymer-based composites and their derivatives present outstanding adsorption capacities when capturing targeted compounds owing to their large specific areas, high porosities, and tunable chemical structures. Therefore, various nanoporous composites based on polymers and their derivatives have been developed as sorbents and extensively applied in food, environmental, pharmaceutical, and biological analysis during the past years. Nevertheless, novel nanoporous composites need to be further explored to improve the extraction capacities and selectivity of analytes from complex samples. Herein, studies on the preparation of novel nanoporous polymer-based composites and their derivatives used as sorbents for sample preparation are of interest for this Special Issue. In addition, studies on pollutant removal from environmental matrices based on advanced nanoporous composites are also invited.

Guest Editors

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I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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