Special Issue

Polymer-Based Nano-Sorbent Materials

Message from the Guest Editor

This Special Issue is focused on the current state-of-the-art of in (bio)polymer materials for sorption applications. The use of polymeric materials in sorption-based processes is widespread, ranging from environmental remediation and catalysis, to chemical separations, green chemistry; stabilization and storage of materials, and phase transfer processes. Papers are sought that discuss the latest research in the area or summarize selected areas of the field. The scope of the Special Issue encompasses the synthesis and characterization of polymer/biopolymer materials for sorption-based processes and applications, polysaccharides, nanoporous polymer materials, polymer nanoparticles, polymer nanocomposites and hybrid assemblies. Of particular interest are new polymer structures and functions that result from the synthesis and processing of natural/synthetic polymer materials (and modified forms) that provide new insights on the structure–sorption property relationships that lead to enhanced functionality.

Guest Editor

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Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

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

Prof. Dr. Alexander Böker
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