



Polymer-Based Nano-Sorbent Materials

Guest Editor:

Prof. Dr. Lee D. Wilson

Department of Chemistry,
University of Saskatchewan, 110
Science Place, Saskatoon, SK
S7N 5C9, Canada

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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.

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Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien
und Polymertechnologie,
University of Potsdam, 14476
Potsdam-Golm, Germany

Message from the Editor-in-Chief

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Polymers Editorial Office
MDPI, St. Alban-Anlage 66
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