Special Issue

Functional Polymeric Adsorbents

Message from the Guest Editor

Due to chemical contamination, water pollution remains a serious environmental and public problem. Adsorption is one of the most attractive methods for the extraction of molecules or ions from aqueous solutions, as it can be conducted in mild conditions. In order to create both an efficient and sustainable process, the decisive aspect is the type of sorbent material. In this light, biomacromolecules, biobased and biodegradable polymers, are promising materials for the synthesis of functional adsorbents due to their unique physicochemical properties, specific functionality, abundance, and low cost. Therefore, this Special Issue is focused on the development of functional adsorbents for water purification. Original research papers and short reviews addressing the synthesis, characterization, and investigation of the influence of biomacromolecules' originality and nature on the properties of functional materials as perspective adsorbents for water treatment are invited for submission.

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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