

Special Issue

Application of Polymer Materials in Water Treatment

Message from the Guest Editors

The development of polymeric materials is becoming the most promising future alternative to meet environmental water standards. The addition of polymeric materials could reduce or eliminate acid feed, thereby reducing hazardous risk and increasing water production in desalinization processes. Polymeric materials are used in membrane filtration devices for the removal of suspended solids and microorganisms, or of large chemical molecules and colloidal particles. Natural polymers (cellulose or chitosan) have been exploited either directly after extraction or by mixing them in polymeric composites for more compactness and especially efficiency, revealing their absorption capacity, simplicity of operation designs, and cost-effective aspects. Some novel adsorbents based on polyelectrolyte multilayered (PEM) biopolymeric materials have been studied as potent biosorbents. This Special Issue aims to collect high quality manuscripts on the recent applications of polymer materials in water treatment.

Guest Editors

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Deadline for manuscript submissions

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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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