Special Issue

Polymer for Dye Adsorption

Message from the Guest Editors

The search for new technologies and materials for wastewater treatment has been increasing, and adsorption technology stands out because of its simple and low-cost process. This Special Issue is related to adsorbents based on synthetic polymers, polymeric nanocomposites, biopolymers, polymeric membranes, and conducting polymers, with different functionalities and characteristics capable of capturing the molecules of organic dyes in aqueous solution. Polymeric materials allow for the elaboration of a diverse range of efficient, reusable, economical, and environmentally friendly materials that may present competitive dye adsorption abilities. In addition, this Special Issue also includes topics such as the stabilization of metallic nanoparticles or metallic oxides in polymeric matrices and their ability to degrade organic dyes previously adsorbed in the material, which have attracted considerable scientific attention due to their simplicity, reusability, and high catalytic activity and because they do not generate byproducts that pollute the environment.

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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