Special Issue

Organic Polymer Functional Adsorption Materials

Message from the Guest Editor

The term ‘adsorptive polymer materials’ mainly refers to polymer materials that have selective affinity for specific ions or molecules. According to the source, they are divided into natural polymer-based adsorption materials and synthetic polymer-based adsorption materials. Natural polymers have certain adsorption functions and objective processability. Synthetic polymer adsorption materials mostly include water-absorbing resins, chelating resins, adsorption resins, ion-exchange resins, etc. As part of the development of molecular design technology, scholars are studying adsorption materials with higher selectivity, high adsorption capacity and a fast adsorption rate. Porous polymer materials have certain adsorption and support properties, and its unsaturated bond also offers good processing and functionalization. Organic polymer functional adsorption materials play an irreplaceable role in the removal of wastewaters (effluents) from various pollutants or the binding/capture of environmental gases.

This Special Issue aims to compile the original and cutting-edge research results of organic polymer functional adsorption materials.

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 4.9.

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

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