Special Issue

Functional Polymer Composites for Environmental Protection

Message from the Guest Editors

The rapid global economic growth has created a series of technological challenges that are related to the natural resources.In the face of climate change and the forced development of modern technologies that facilitate environmental protection, these challenges will become more and more important. These issues can be addressed by considering the potential of functional polymeric and composite materials. In particular, different functional groups can provide ion exchange, chelating, catalytic, sensing, as well as reducing and stabilizing features, also enabling the fabrication of nanocomposite materials. These properties, useful in separation science and catalysis, include recovering transition group metals, removing water contaminants , and facilitating the separation or decomposition of toxic pollutants. Research topics of interest include, but are not limited to, recent advances in the synthesis and application of polymers and (nano)composites designed for separation and catalysis, with emphasis on issues related to environmental protection and sustainable development. Both original articles and reviews are very welcome.

Guest Editors

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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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