Special Issue

Functional Hyperbranched/Dendritic/Linear Polymers: Synthesis, Applications, and Properties

Message from the Guest Editors

Dendrimers are a class of highly branched polymers with unique tree structure in three dimensions. Because of the special synthesis method, they always have broad internal cavities, controllable molecular chains and a high density of surface groups. On the basis of their structure characteristics, dendrimers have many unique properties and have thus raised wide concern in various fields. In recent decades, the preparation, functionalization and application of dendrimers are of great significance in catalysts, separation materials, nanocarriers, sensors, etc. This Special Issue of the open access journal *Polymers* aims at collecting works on the topic "Synthesis, Application and Properties of Functional Dendrimers". Suggested topics include, but are not limited to, the following: **Keywords:**

- Synthesis methods and structural regulation of dendrimers
- Development of novel dendrimer composites
- Modification of dendrimers
- Properties and application of functional dendrimers

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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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