Special Issue

Coordination Polymers: Design, Preparation, and Application

Message from the Guest Editors

In recent years, the structural and characteristic diversity of coordination polymers have attracted much attention due to the polymers' stable structures, controllable synthesis, and wide applications. Moreover, weak inter- and intramolecular interactions, such as hydrogen bonds, halogen bonds, π–type interactions, and van der Waals forces, play important roles in the crystal growth and crystal engineering of coordination polymers with unique structures and multiple functions. Furthermore, coordination polymers also can be used as luminescence sensors, light-emitting diodes and materials for nonlinear optics by adjusting the luminescence pathway of organic ligands or metal ions. Manuscripts focusing on the following topics are highly welcome: The controllable synthesis of coordination polymers;
The roles of weak inter- and intramolecular interactions in the design and synthesis of target coordination polymers;
The design of high-performance coordination polymer materials as luminescence sensors;
Research on the visual detection performances of coordination polymers.

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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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