Special Issue

New Progress in Polymer Electrolytes

Message from the Guest Editor

Polymer electrolytes have become a promising alternative to liquid electrolytes in rechargeable batteries due to their safety, stability, and wide electrochemical window. In recent years, significant progress has been made in the development of polymer electrolytes for battery applications. This special issue summarizes the latest advances in polymer electrolyte research, including new polymer materials, advanced synthesis methods, and innovative approaches for enhancing their electrochemical performance and the application of polymer electrolytes in various types of batteries, such as lithium-ion batteries.
Special Issue is dedicated to collecting original research articles and reviews on the study of polymer electrolytes. Potential topics include, but are not limited to the following:

Analysis and synthesis of polymer electrolyte materials;

Testing and research on the performance of polymer electrolytes;

Performance evaluation of polymer electrolytes.

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 4.7.

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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