Topical Collection

Electrochemical-Storage Technology with Polymer Science

Message from the Collection Editors

The global growing demand for electric vehicles and large-scale energy storage has shed light on the significant challenge of energy storage technology with high energy density, long durability, and low cost. In the hope that advanced energy storage materials and devices can be achieved, polymers' broad selections and wide functions have attracted increasing attention and are currently playing key roles in exploring new energy storage materials, function additives, and device components. Accordingly, this Topical Collection of Polymers aims to broaden and deepen the scientific and technological knowledge with the most recent advances in the preparation, performance, and application of energy storage polymeric materials. Potential topics include but are not limited to:

- Progresses in polymers in rechargeable lithium-ion batteries;
- Development of polymers for next-generation rechargeable batteries;
- Characterization on polymer characteristics in energy storage devices and materials;
- Fabrication, design, and optimization of polymer materials and application for energy storage technology.

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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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