Special Issue

Polymer-Based Composites for Batteries and Supercapacitors

Message from the Guest Editors

Batteries and supercapacitors are both promising energy storage devices that use polymer-based composites as key components. Polymer-based composites typically comprise a polymer matrix and conductive fillers that enhance the material's electrical conductivity. Polymer electrodes provide high energy density, good flexibility and processability, and consistent cycle performance. By adjusting the molecular structure of the polymer and the dispersion state of the filler, the conductivity and energy density of the electrode can be further augmented. In general, polymer-based composites have crucial application value in batteries and supercapacitors, and through further research and development, more efficient and stable energy storage devices are expected to be achieved. Both original contributions and synthesis articles (comprehensive reviews) are welcome. This Special Issue is dedicated to the latest research on Polymer-Based Composites for Batteries and Supercapacitors.

Guest Editors

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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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