Special Issue

Polymers towards Next Generation Energy Storage

Message from the Guest Editors

In the last ten years, new polymer hosts have been identified, mostly polyesters and poly(carbonates). The immediate advantage is the high stability at positive potentials (≥ 4.3V), a weak point of PEO-based systems that oxidize at ≥ 3.9 V, i.e., below the potential of operation of layered oxides. Polyesters and poly(carbonates), however, are not stable vs. Li metal, and double layer electrolytes have to be used. This Special Issue welcomes original research and reviews based on synthesis characterization or implementation of polymers or copolymers, composite polymers for electrodes; composite solid polymers electrolytes; and gel polymer electrolytes for next-generation energy storage.

Guest Editors

Prof. Dr. Loïc Dupont

Prof. Dr. Michel Armand

Prof. Dr. Peter G. Bruce

Deadline for manuscript submissions

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Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
polymers@mdpi.com

mdpi.com/journal/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
Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 14476 Potsdam-Golm, Germany

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