

Special Issue

Polymers for Energy Storage and Conversion

Message from the Guest Editor

Due to the rapidly changing global climate and numerous environmental issues, the development of renewable energies and their storage with sustainability is highly desired. In recent years, polymers and their applications have recently received significant interest as a reliable approach for achieving sustainable energy storage and conversion. The use of polymers for the energy storage and conversion has been investigated intensely over the past few decades such as dye-sensitized solar cells (DSSC), organic photovoltaics (OSC), perovskite solar cells (PSC), fuel cells, and secondary batteries. This Special Issue “Polymers for Energy Storage and Conversion” covers the nanostructured polymers (or nano-polymers) and engineering of device architecture with an advanced polymer-based process for divergent energy storage and conversion applications with high sustainability involving solar energy systems, electrochemical cells, photocatalysts, artificial photosynthesis, fuel cells, supercapacitors, CO₂ conversions, or secondary (rechargeable) batteries.

Guest Editor

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Deadline for manuscript submissions

closed (31 August 2020)



Polymers

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Impact Factor 4.7
CiteScore 8.0
Indexed in PubMed



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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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