

## Special Issue

# Polymeric Materials for Energy Conversion and Storage

### Message from the Guest Editors

Polymeric materials for energy storage and conversion have been extensively investigated in recent years. Various advanced energy materials with excellent performance and well-designed structures have been adopted in sensors, capacitors, flexible electronics, energy converters, etc., leading to significant improvement in the performance of devices, recycling stability, and durability as well as enhancements to other electrical and physicochemical properties. The recent advancements in polymeric materials for energy devices have introduced novel technologies for exploring the mechanisms underlying their enhanced performances; this progress will assist the development of new energy-storage and conversion technologies. This Special Issue focuses on polymeric materials for energy conversion and storage applications. It covers the research areas of energy harvesting, conversion, and storage, including the techniques of capacitors, sensors, batteries, thermoelectrics, photovoltaics, piezoelectrics, etc. It aims to help all potential readers receive this field's valuable aspects.

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### Guest Editors

Dr. Chao Yuan

Dr. Hailong Hu

Dr. Jie Wei

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### Deadline for manuscript submissions

closed (25 November 2023)



## Polymers

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Impact Factor 4.9  
CiteScore 9.7  
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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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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