



Research on Functional Polymer Materials as Electrode Materials or Electrolytes

Guest Editor:

Dr. Mengjiao Shi

Key Laboratory of Bio-Based
Material Science and Technology,
Ministry of Education, Northeast
Forestry University, Harbin
150040, China

Deadline for manuscript
submissions:

15 August 2024

Message from the Guest Editor

Dear Colleagues,

With the development of the market for electric vehicles and the demand for grid-scale energy storage, there is an urgent need to increase the energy density and safety of the existing energy storage devices. Emerging electrode materials or electrolytes are key factors in driving energy storage devices to high safety and high specific energy densities. As an abundant and green resource, functional polymers are an important member of electrode materials and electrolytes, and the development of polymeric materials with advanced functionalities can address this new challenge. This Special Issue focuses on the most recent research advances on functional polymer materials for electrode materials and electrolytes. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the abovementioned themes.

Dr. Mengjiao Shi

Guest Editor





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien
und Polymertechnologie,
University of Potsdam, 14476
Potsdam-Golm, Germany

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 5.0.

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry)

Contact Us

Polymers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/polymers
polymers@mdpi.com
X@Polymers_MDPI