

Special Issue

Functional Polymer Composites Applied in Batteries

Message from the Guest Editors

Rechargeable batteries offer promising solutions to the energy-shortage issue. Lithium-ion batteries (LIBs) are among the most widely investigated systems; however, cost and safety concerns have limited their large-scale application. Although inorganic materials show ultra-high electrochemical performance, their further application is limited due to the shortage of resources, unfriendly environment, high price and other shortcomings. Polymers play an important role in batteries, such as separators, solid electrolytes, anode materials, cathode materials, etc. The Special Issue of "Functional Polymer Composites Applied in Batteries" focuses on the application and research progress of polymers and their derivatives in various batteries, such as lithium/zinc/sodium/potassium-ion batteries and supercapacitors. In this Special Issue, original research articles and reviews are welcome, including but not limited to the abovementioned topics.

Guest Editors

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Deadline for manuscript submissions

closed (1 June 2024)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
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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