Special Issue

Polymeric Materials for Solar Cell and Electronics

Message from the Guest Editor

Organic solar cells (OSCs) possess the advantages of flexibility, low cost, light weight, and versatility for large-scale fabrication. In recent years, thanks to the rapid development of non-fullerene acceptor materials, the performance of OSCs is booming, with power conversion efficiencies (PCEs) reaching as high as 16 ~ 17%. In addition to the active layer, which generates excitons and charges, the interfaces are also important, since they play important roles in charge separation and collection. The hole transport layer (HTL) and electron transport layer (ETL) can help in extracting one type of charge carrier and blocking the opposite and are essential for achieving a high efficiency. To achieve an ideal interfacial contact, reduce electrical loss, and further improve the efficiency of polymer solar cells in a wide range of electronic applications, it is necessary to find more suitable polymer materials. This Special Issue aims at collecting related work about Polymeric Materials for Solar Cell and Electronics.

Guest Editor

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Deadline for manuscript submissions

closed (30 November 2022)

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/105940

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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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