

Special Issue

Polymer Solar Cells

Message from the Guest Editor

Polymer solar cells have been considered as an attractive and promising approach to solve energy and environment issues, due to their light-weight, low-cost, flexibility, rapid energy payback time, and high-throughput roll-to-roll manufacturing. Remarkable progress has been achieved in recent years, such as benefits from the innovation of donor and acceptor materials, design of new device architectures, optimization of the photoactive layer morphology, interface engineering between the active layer and electrodes, and power conversion efficiency has been pushed beyond 12%. This Special Issue on “Polymer Solar Cells” aims to reflect the state-of-the-art topics and progress in the design and synthesis of novel organic electron donor and acceptor materials, photoactive layer morphology controlling, electrodes modification, device photophysics and characterization, the design and fabrication of novel device architectures, etc. Contributions of experimental work, computational work, or combinations of the two, are welcome, and your contribution to this Special Issue will be greatly appreciated.

Guest Editor

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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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