Special Issue

Advances in Polymer-Based Organic Semiconductor Materials and Devices

Message from the Guest Editors

Polymer-based organic semiconductor materials attract considerable attention due to their promising applications in flexible electronics, such as next-generation human-friendly electronics (electronic skin, implantable and wearable devices), photovoltaics, and displays. Moreover, the unique advantages of polymer semiconductors (lightweight, structure tunability, and solution-processability) favor their compatibility with printed and roll-to-roll fabrication techniques. Accordingly, this Special Issue on *Advances in Polymer-Based Organic Semiconductor Materials and Devices* aims to present recent and original advances in polymer semiconductor materials. The scope of this Special Issue includes, but is not limited to, the following topics:

- Polymer semiconductor synthesis and characterization;
- Film morphology of polymer semiconductors, and charge transfer mechanism and carrier dynamics in polymer semiconductor films;
- Applications of polymer semiconductors in photovoltaics, light-emitting diodes, transistors, and other electronic devices.

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Deadline for manuscript submissions

25 November 2025

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/201391

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mdpi.com/journal/polymers

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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

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