



Advances in Polymer-Based Organic Semiconductor Materials and Devices

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Deadline for manuscript submissions:

31 October 2024

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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Message from the Editor-in-Chief

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