



Polymers for Flexible Electronics

Guest Editor:

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Message from the Guest Editor

Flexible electronics has been considered a disruptive technology based on pioneering and interdisciplinary research, which can break through intrinsic limitations of the classical silicon-based electronics. Polymers can hold a great promise for flexible electronics because of their unique mechanical flexibility, superior solution processibility, and tunable optoelectronic characteristics. Impressive developments have been made in this booming field, encompassing flexible displays, wearable electronics, and biomedical devices, among others.

The scope of this Special Issue includes but is not limited to the development of new polymers, advanced fabrication methods, and rational geometric design strategies for flexible electronics. It will cover a broad spectrum of topics related to the employment of polymers for flexible electronic devices (i.e., devices with features such as flexibility, conformability, and low thickness) such as field-effect transistors and circuits, light-emitting diodes, solar cells, and intrinsically flexible organic components (semiconductors, electrodes, insulators, and substrates).





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Message from the Editor-in-Chief

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