Special Issue

Latest Research on Synthesis and Characterization of Flexible Electronic Materials and Devices

Message from the Guest Editors

Flexible electronics add a paradigm of bulk stress to conventional electronics. With these interesting additional features, the applications of flexible electronics have entered new dimensions, e.g., in low-cost wearable electronics technology, which was previously not accessible to traditional rigid electron low-cost works, performance improvements have been shown by using novel semiconductor–polymer nanomaterials, flexible substrates and unique processing methods. The synthesis of flexible/stretchable substrates and printing of inorganic, organic and hybrid semiconductors (i.e., 1D, 2D and 3D) are crucial components for developing wearable electronics Keeping in mind the key research interests in the field of flexible electronics, this Special Issue on "Latest Research on Flexible Electronic Materials and Devices" seeks high-quality works focusing on the following topics (but not limited to): Flexible/stretchable substrates: Material synthesis and characterizations. Printing of active layers, and electrodes: inorganic, organic and hybrid semiconductors (i.e., 1D, 2D and 3D) materials. Flexible and wearable sensors, circuits and device components.

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Editor-in-Chief

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