Special Issue

Graphene-Nanocomposite-Based Flexible Supercapacitors

Message from the Guest Editor

Beyond the typical approach of material development based on structure-property relationship, recently, the nanocomposites of graphene and its derivatives with combined properties of multiple components have proven great application prospects in the fields of electrochemical energy storage. Though, their rational synthesis with good conductivity, greater surface area, and electrochemical activity while maintaining mechanical flexibility is the topical challenge for contemporary wearable supercapacitors (SCs) and this Special Issue therefore welcomes interesting contributions. This Special Issue's goal is to bring together current developments in flexible SCs including their fabrication strategies, new device designs and integration, with special emphasis on flexible active platforms enabled by graphene nanocomposite materials. The list of topics this Special Issue covers includes but is not limited to the following:

Guest Editor

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