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This review attempts to critically review the state of the art with respect to materials of electrodes and electrolyte, the device structure, and the corresponding fabrication techniques as well as ...

In this Review, we discuss various flexible self-charging technologies as power sources, including the combination of flexible solar cells, mechanical energy harvesters, ...

This review describes the most recent advances in flexible energy-storage devices, including flexible lithium-ion batteries and flexible supercapacitors. The latest successful ...

In this work, we report a 90 um-thick energy harvesting and storage system (FEHSS) consisting of high-performance organic ...

Hence, this review is focused on research attempts to shift energy storage materials toward sustainable and flexible components.

In this review, we focus on pioneering works of flexible aqueous energy storage devices for flexible electronics, covering the material designs for essential components of the ...

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This review is intended to provide strategies for the design of components in flexible energy storage devices (electrode materials, gel electrolytes, and separators) with the ...

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