

This work initially prepared the ultra-light flexible graphene aerogel (LGA) with the function of electro/photo-thermal conversion by introducing the natural latex into the graphene ...

In this paper, we report novel magnetic- and sunlight-driven energy conversion and storage nanocomposites based on Fe<sub>3</sub>O<sub>4</sub>-functionalized graphene nanosheet (Fe<sub>3</sub>O<sub>4</sub>-GNS) ...

&lt;p&gt;Energy storage and conservation are receiving increased attention due to rising global energy demands. Therefore, the development of energy storage materials is crucial. Thermal energy ...

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