



Potential applications are presented for energy storage composites containing integrated lithium-ion batteries including automotive, aircraft, spacecraft, marine and sports ...

2 ???&#0183; The micro-scale energy storage devices (MESDs) have experienced significant revolutions driven by developments in micro-supercapacitors (MSCs) and micro-batteries (MBs).

With the rapid prosperity of the Internet of things, intelligent human-machine interaction and health monitoring are becoming the focus of attention. Wireless sensing systems, especially self-powered sensing systems ...

Here we report photovoltaic energy conversion and storage integrated micro-supercapacitors (MSCs) with asymmetric, flexible, and all-solid-state performances constructed from thousands of close-packed upconverting ...

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