# Small hybrid energy storage devices

## Overview

Several hybrid devices, such as lithium-ion capacitors, redox capacitors and pseudocapacitors, have been developed as a result of their complementary advantages.

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**Small: Early View**

A new nanoparticle-based biomarker panel is described that can differentiate pancreatic cancer from benign pancreatic disease with a high level of performance. This was enabled by microelectrode

Hybrid energy storage: Features, applications, and ancillary benefits

The complement of the supercapacitors (SC) and the batteries (Li-ion or Lead-acid) features in a hybrid energy storage system (HESS) allows the combination of energy-power-based

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Oxygen Evolution Reaction Although dynamic structural reconstruction of sulfides under oxygen evolution reaction (OER) conditions is widely considered the origin of high activity, it

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Small Methods is a nanoscience & nanotechnology journal focusing on significant advances in any and all methods applicable to nano- and microscale research. The journal covers all areas of chemistry,

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Nanomaterials offer promising applications in retinal disease due to their small size, high biocompatibility, and functional versatility. They

enhance imaging precision, enable biomarker

[Advancements in hybrid energy storage systems for enhancing]

Hybrid energy storage systems (HESS), which combine multiple energy storage devices (ESDs), present a promising solution by leveraging the complementary strengths of each technology

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[Hybrid Energy Storage Systems: Integrating Technologies]

The integration of diverse technologies in hybrid energy storage systems boosts efficiency and reliability, crucial for effective energy management. Utilizing smart control strategies,

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Hydrogel Microspheres In article number 2500426, Jianan Ren, Xiuwen Wu, Jinjian Huang, and co-workers comprehensively examine the synthesis and fabrication methodologies of

**Overview**

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