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Breakthroughs in battery technology are transforming the global energy landscape, fueling the transition to clean energy and reshaping industries from transportation to utilities.

A research team led by Chinese researcher Wang Chunsheng, a professor in the Department of Chemical and Biomolecular Engineering at University of Maryland (UMD), ...

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Lithium-based batteries power our daily lives from consumer electronics to national defense. They enable electrification of the transportation sector and provide stationary grid storage, critical to ...

Electric vehicles account for the largest share of global lithium-ion battery demand, according to the International Energy Agency.

Inlyte's sodium-iron battery tech offers a safer, cheaper, and longer-lasting alternative to lithium-ion for long-duration energy storage. ...

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