EXIT-LYON Energy

Sodium metal as energy storage battery

Overview

Researchers within the University of Maryland's A. James Clark School of Engineering, have now developed a NASICON-based solid-state sodium battery (SSSB) architecture that outperforms current sodium-ion batteries in its ability to use sodium metal as the anode for higher energy density, cycle it at record high rates, and all with a more stable ceramic electrolyte that is not flammable like current liquid electrolytes.

Article Content

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Research progress of sodium energy storage …

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Toward Emerging Sodium-Based Energy Storage ...

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Studying the Chemistry of Sodium Metal Systems for Batteries

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New solid-state sodium batteries enable lower …

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Solid-State Electrolytes for Sodium Metal …

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