

So-called liquid organic hydrogen carriers (LOHCs) offer a solution to the storage and transport problem. But inserting and extracting hydrogen into LOHCs requires catalysts that are often ...

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OLADE's technical note 10, entitled "Energy Storage in Latin America and the Caribbean - Current Status, Challenges and Strategic Recommendations" reports 2.5 GW of installed capacity in the region. Energy storage installations are ...

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Metal hydride hydrogen storage holds significant promise for efficient, safe, and compact energy storage solutions. Although challenges remain, continued technological advancements and ...

The new liquid contains up to 6.9% hydrogen by weight, surpassing the hydrogen storage goals set by the U.S. Department of Energy for 2025. This discovery marks the beginning of a new ...

Hydrogen storage is emerging as a long-duration solution for renewable energy systems, offering grid stability despite lower efficiency and higher costs. The Oxford Institute for Energy Studies ...

METASPACEX, a leading energy sector company, has announced a strategic partnership with Chongqing Bihe New Energy Technology Co., Ltd. (Chongqing Bihe) to enter the hydrogen ...

Hydrogen storage is a critical component in transition to clean energy systems and the promotion of sustainable practices across various industries. The primary technical challenge lies in ...



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