

Underground hydrogen storage, still in development, will face similar issues. ... An introduction to subsurface CO₂ storage. in RSC Energy and Environment Series, Vols ...

Provides a comprehensive and contemporary overview of recent advances in energy and energy storage technologies; Discusses the superior hydrogen storage performance of solid-state materials; Helps readers understand the ...

The circular economy and the clean-energy transition are inextricably linked and interdependent. One of the most important areas of the energy transition is the development of hydrogen energy. This study aims to ...

Global energy consumption is expected to reach 911 BTU by the end of 2050 as a result of rapid urbanization and industrialization. Hydrogen is increasingly recognized as a clean and reliable energy vector for ...

3 ???· To tackle the aforementioned challenges, numerous efforts have been devoted to conferring reliable surface/interface capabilities to MXene. Among them, engineering ...

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