



Reversible Protonic Ceramic Electrochemical Cells for Long-term Energy Storage

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Inter-seasonal Electrosynthesized Liquid Fuel Energy Storage



Highly Efficient Protonic Ceramic Electrolyzer for Hydrogen Production

The first key for ammonia production



High energy conversion efficiency with high H₂ production rate Dry hydrogen production

Stable positive electrode in hydrothermal conditions

Protonic Ceramics for Energy Storage and Electricity Generation with Ammonia







CSM's increases in fuel-cell performance under NH₃-fuel over the past year

