Energy storage meng xiangjun

This review focuses on the applications, modification strategies and recent advancements of layered double hydroxide (LDHs) and their derivatives within various electrochemical energy ...

DOI: 10.1016/J.CEJ.2021.130130 Corpus ID: 235531443; Enhanced energy storage properties of lead-free NaNbO3-based ceramics via A/B-site substitution @article{Jiang2021EnhancedES, ...

Xiangjun Meng, Zhengyi Yang, Ying Yuan, Bin Tang, Shuren Zhang. Superior energy-storage performances achieved in NaNbO3-based antiferroelectric ceramics by phase-structure and relaxation regulation. ...

Semantic Scholar extracted view of "Synergistically achieving ultrahigh energy-storage density and efficiency in linear-like lead-based multilayer ceramic capacitor" by Ye ...

Here, excellent energy-storage performances are achieved in 0.85(0.55Na0.5Bi0.5TiO3-0.45Sr0.7La0.2TiO3)-0.15Bi(Mg2/3Nb1/3)O3 (NBT-SLT-BMN) relaxor ferroelectric ceramic by optimizing sintering ...

As a result, a large recoverable energy-storage density of 9.6 J/cm 3 and a high energy conversion efficiency of 90.2% were achieved in (Pb 0.94 La 0.04)(Zr 0.49 Sn 0.5 Ti 0.01)O 3 ...

Xiangjun Meng Gastric cancer is mainly initiated by inflammation and chronic superficial gastritis, and tumor necrosis factor-? (TNF-?) is an inflammatory cytokine which plays an important role ...

Filled and unfilled Sr2NaNb5O15-based tungsten bronze ceramics based on Gd doping were prepared using a traditional solid-state reaction method. Relaxor behaviors of the two different ...

1 Introduction. Over the past few decades, rapid global population growth and swift advancements in science and technology have exponentially increased the energy demand in modern society. 1 However, ...

Dielectric capacitors have drawn growing attention for their wide application in future high power and/or pulsed power electronic systems. However, the recoverable energy storage density ...

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