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This work demonstrates the fabrication, characterization, and energy storage capacity of high calcium-doped strontium titanate thick films (Sr_{0.60}Ca_{0.40}TiO₃) for the first ...

In this work, barium strontium titanate Ba_xSr_{1-x}TiO₃ ($x = 0.50, 0.60, 0.70$ and 0.85) ceramics have been synthesized by the solid-state reaction method. Structural, ...

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Barium Strontium Titanate (BST) based ferroelectric thin film devices have been popular over the last decade due to their versatile applications in tunable microwave devices ...

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The formation of compositionally graded thin film structure to obtain high energy storage performance will lay far-reaching impact on the sustainable energy and promote the ...

Alkathy et al. [19] also reported a colossal dielectric permittivity and high energy storage efficiency in barium strontium titanate ceramics co-doped with bismuth and lithium.

Energy storage properties of low concentration Fe-doped barium strontium titanate thin films Author links open overlay panel Juan Xie a, Hua Hao a, Zhonghua Yao a, ...

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