

## Energy storage chen jingting



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[Li-Feng Zhu](#)  
[\(0000-0001-9866-5534\)](#)

Excellent energy storage performances for BaTiO<sub>3</sub>-based multilayer capacitors through synergistic high-entropy and superparaelectric-relaxor strategy *Journal of Materiomics*

## Custom-Made Electrochemical Energy Storage Devices

A customizable electrochemical energy storage device is a key component for the realization of next-generation wearable and biointegrated electronics. This Perspective ...



## Light-Assisted Energy Storage Devices: Principles, ...

After the detailed demonstration of some photo-assisted energy storage devices examples, the bottleneck of such light-assisted energy storage ...



## Zetong Chen's research works , Sun Yat-Sen University, ...

Zetong Chen's 12 research works with 319

citations and 1,945 reads, including: Influence of the Reference Electrode on the Performance of Single-Electrode Triboelectric Nanogenerators and ...



## Chinese researchers achieve quantum advantage in two ...

Chinese research teams have made marked progress in superconducting quantum computing and photonics quantum computing technology, making China the only ...



## Quantum Computational Advantage Enhanced with New Study

A research team has successfully designed a 66-qubit programmable superconducting quantum computing system named Zuchongzhi 2.1, significantly enhancing the quantum computational ...



## Mingzhe CHEN , Professor , Doctor of Philosophy

Nowadays, energy storage plays an important role in the mobile electronic devices, all kinds of electrical vehicles and grid-scale renewable energy ...



## Energy Storage Materials , Vol 70, June 2024

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## Jingting Wu

The Analysis and Design of the Current-limiting Control Strategy Based on Voltage Source Operation of Energy Storage Inverters  
 Zhicheng LiDawei Chen +4 authors Jingting Wu ...

## New Antiferroelectric Perovskite System with Ultrahigh ...

The development of antiferroelectric (AFE) materials with high recoverable energy-storage density ( $W_{rec}$ ) and energy-storage efficiency ( $\eta$ ) is ...





## Energy Storage Materials , Vol 49, Pages 1-584 (August 2022)

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### [Energy storage chen jingting](#)

Energy Storage driving towards a clean energy future DOI: 10.1016/J.EGYR.2021.02.040 Corpus ID: 234083618; Energy Storage driving towards a clean energy future @article ...



## Silver Niobate Lead-Free Antiferroelectric Ceramics: ...

Lead-free dielectric ceramics with high recoverable energy density are highly desired to sustainably meet the future energy demand. ...

## Energy Storage Innovations: Why Chen Jingting's Work Matters ...

But what if I told you that Chen Jingting and other pioneers are solving problems bigger than your low battery anxiety? From keeping hospitals powered during hurricanes to ...



## Jingting Zhuo's research works , Sun Yat-Sen University, ...

Jingting Zhuo's 13 research works with 233 citations and 493 reads, including: Designed Redox-Electrolyte Strategy Boosted with Electrode Engineering for High-Performance Ti 3 C 2 ...



## Ultra-high energy storage performances regulated by depletion ...

An ultra-high recoverable energy storage density of  $159.7 \text{ J cm}^{-3}$  and a high storage efficiency of 70% are obtained in such PNP-type heterostructural films, which are attributed to the ...



## Energy management in integrated energy system with electric ...

The integrated energy system with electric vehicle charging station via vehicle-to-grid aims to offer a proactive solution for low-carbon development ...



## Lifeng Zhu

Yige Chen, Zhentao Zhu, Lifeng Zhu, Juping Xu, Huajie Luo, Hao Li, Wen Yin, Laijun Liu, Ji Zhang, Hui Liu, Jun Chen Advanced materials (Deerfield Beach, Fla)no. 10 (2025): e2420566 ...



## publications , Fang Yi's Research Group

Nano Energy, 112, 108436, (2023). Zetong Chen, Keren Dai\*, Jiaxiang Chen, Jingting Zhuo, Danna Zhao, Rui Ma, Xujing Zhang, Xubiao Li, Xiaofeng Wang\*, Guowei Yang, and Fang Yi\*. ...

## Journal of Energy Storage , Vol 52, Part A, 1 August 2022

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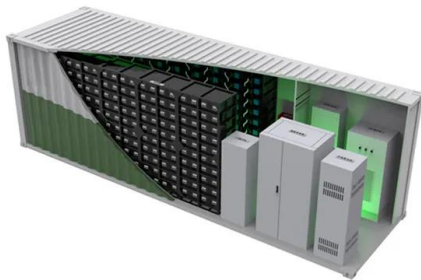


## Excellent energy storage performances for BaTiO<sub>3</sub>-based ...

What's more, LBSKNCBT MLCCs with high-entropy and SP-RFE characteristic also possess a good temperature and frequency stability. In a word, this work offers an ...

## Recent advances in proton exchange membrane water electrolysis

Proton exchange membrane water electrolyzers (PEMWEs) are an attractive technology for renewable energy conversion and storage. By using green electricity generated ...



## Energy Storage Materials , Vol 48, Pages 1-506 (June 2022)

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## Precisely modulating the structural stability and redox ...

...

This work demonstrates the promise of co-doping strategy for optimizing the structural stability and redox potential from the atomic and orbital levels to ...



## Heterovalent-doping-enabled atom-displacement ...

AgNbO<sub>3</sub> has a potential for high power capacitors due to its antiferroelectric characteristics. Here, the authors achieve multilayer capacitors ...



## Chen-Ching Ting's research works , National Taipei University of

Chen-Ching Ting's 41 research works with 608 citations and 7,007 reads, including: Developing the full-field wind generator integrated with the vertical twin rotors



## Achieving excellent energy storage properties in lead-free

...

Dielectric capacitors are widely utilized in large-scale power systems, including applications in medical and military fields. However, their relatively low energy storage density ...



## Xujing Zhang's research works , Sun Yat-Sen University, ...

Eco-friendly in-situ gap generation of no-spacer triboelectric nanogenerator for monitoring cardiovascular activities Citing article Dec 2021 Danna Zhao Jingting Zhuo Zetong Chen ...



## Global-optimized energy storage performance in multilayer

A large energy density of  $20.0 \text{ J}\cdot\text{cm}^{-3}$  along with a high efficiency of 86.5%, and remarkable high-temperature stability, are achieved in lead-free multilayer ceramic capacitors.

## Mingzhe CHEN , Professor , Doctor of Philosophy , Nanjing

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Nowadays, energy storage plays an important role in the mobile electronic devices, all kinds of electrical vehicles and grid-scale renewable energy storage intermediates.



## Energy Storage Materials , Vol 42, Pages 1-870 (November 2021

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Deye inverters and Deye batteries are more compatible.

## Significantly improving the energy storage capability of ...

The energy storage performance, characterized by energy storage density ( $W_{rec}$ ) and efficiency ( $\eta$ ), is governed by equations provided in the Supplementary information. ...



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