

# Deng yongming energy storage





## Overview

---

Deng's research interests focus on the development of high-performance energy storage devices united with novel materials design and advanced characterizations.



## Deng yongming energy storage

---

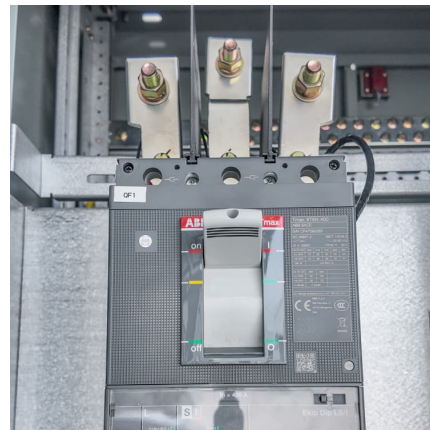


[???? , Publications - ??? , YINGUO XIAO](#)

Xiaoxiao Liu, Tongchao Liu, Rui Wang, Zhao Cai, Wenyu Wang, Yifei Yuan, Reza Shahbazian-Yassar, Xiaocheng Li, Songru Wang, Enyuan Hu, Xiao-Qing ...

### **Yongming Zhang's research works , Tongji University, Shanghai ...**

Yongming Zhang's 12 research works with 125 citations and 3,999 reads, including: An image recognition measurement approach and uncertainty for overspeed governors employed in ...



### **Energy Storage Materials , Vol 35, Pages 1-772 (March 2021)**

Read the latest articles of Energy Storage Materials at ScienceDirect , Elsevier's leading platform of peer-reviewed scholarly literature

### **Energy Storage Materials , Vol 54, Pages 1-894 (January 2023)**

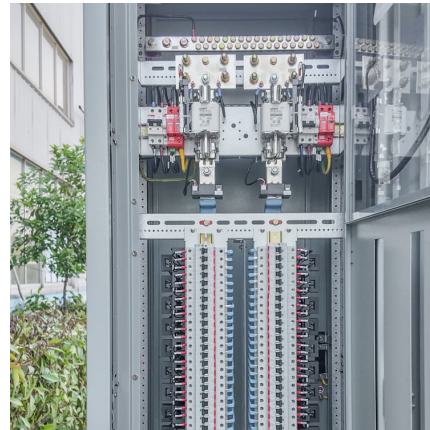
Read the latest articles of Energy Storage Materials at ScienceDirect , Elsevier's leading platform of peer-reviewed scholarly literature





## Yongming DENG Inventions, Patents and Patent Applications

Yongming DENG has filed for patents to protect the following inventions. This listing includes patent applications that are pending as well as patents that have already been granted by the ...



## Energy Storage Materials , Vol 4, Pages A1-A2, 1-158 (July 2016

Read the latest articles of Energy Storage Materials at ScienceDirect , Elsevier's leading platform of peer-reviewed scholarly literature

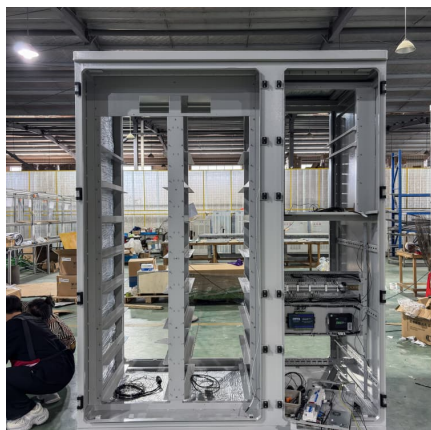
## Chemically resistant Cu-Zn/Zn composite anode for long cycling ...

Rechargeable aqueous Zn metal batteries are promising candidates for renewable energy storage. However, Zn metal is chemically active and suffers from chemical corrosion in ...



## [Chemically resistant Cu-Zn/Zn composite anode for](#)

Rechargeable aqueous Zn metal batteries are promising candidates for renewable energy storage. However, Zn metal is chemically active and suffers from...



### ?Yongming Deng?

Yongming Deng IUPUI, WKU, UTSA, University of Maryland, Miami University, Shandong University  
Verified email at iupui - Homepage Organic chemistry Organic synthesis ...



### Optimal Configuration Model of Energy Storage System and ...

Optimal Configuration Model of Energy Storage System and Renewable Energy Based on a high proportion of Photovoltaic Power Jie Chen, Xuxia Li, Yongming Jing, ...

### Yongming Deng (0000-0002-9728-1325)

ORCID record for Yongming Deng. ORCID provides an identifier for individuals to use with their name as they engage in research, scholarship, and innovation activities.





### [Soybean Protein Fiber Enabled Controllable Li ...](#)

The proliferation of lithium (Li) dendrites stemming from uncontrollable Li deposition seriously limits the practical application of Li metal ...

### **DENG LABORATORY**

Positions Available in the Deng Group at IUPUI Chemistry Graduate students Our group has multi-graduate student positions available now. Motivated prospective graduate students ...



### [Comparison of Energy Storage Schemes for New Energy ...](#)

Connecting a new type of Energy Storage with renewable energy is one of the solutions to promote low-carbon energy systems and improve energy flexibility. However, the evaluation ...



### [Excellent Energy-Storage Properties Achieved in BaTiO](#)

Barium titanate-based energy-storage dielectric ceramics have attracted great attention due to their environmental friendliness and outstanding ferroelectric properties. Here, ...



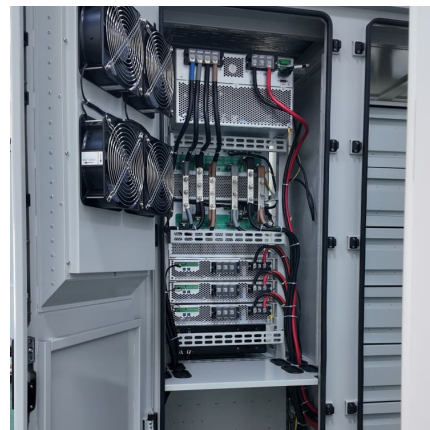
### **A novel self-powered wireless temperature sensor based on**

As the demand for sustainable and maintenance-free sensor networks is soaring, the energy supply problem of sensors is attracting more and more attentions [1], [2]. However, ...



### **Yongming Hu's research works , Hubei University, Wuhan and ...**

Yongming Hu's 223 research works with 4,640 citations and 9,142 reads, including: Modulating polarization and carrier migration characteristics via constructing sandwich-structured ...



### **Conformal Prelithiation Nanoshell on LiCoO2 Enabling ...**

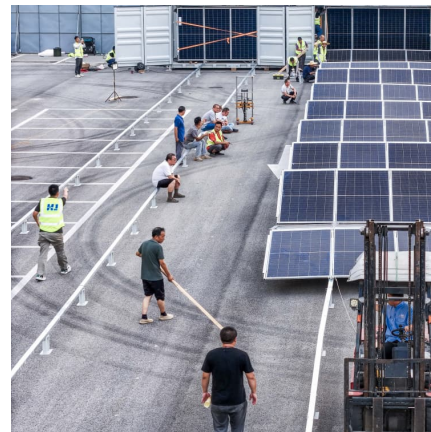
The initial lithium loss in lithium-ion batteries (LIBs) reduces their energy density (e.g., 15% or higher for LIBs using a Si-based anode). Herein, ...





???????????????? ????--????-

Lian Cheng, Kai Liu, Huayun Gao, Zhongming Fan, Naohisa Takesue, Heming Deng, Haibo Zhang, Yongming Hu, Hua Tan, Zilin Yan, Yang Liu, Energy storage performance of sandwich ...



### Toward Green Renewable Energies and Energy Storage for the ...

Deng's research interests focus on the development of high-performance energy storage devices united with novel materials design and advanced characterizations.

### Z en LAB@NanoEngineering

1. Panpan Xu, Darren H.S.Tan, Hongpeng Gao, Satchit Rose, Zheng Chen, Recycling of Li-Ion Batteries for Electric Vehicles, Encyclopedia of Energy Storage, Science Direct in the ...



### IU Indianapolis ScholarWorks :: Browsing by Author "Deng, Yongming"

Secondly, the adaptation of the sparse streaming GPR algorithm showcases the potential of memory retention from previous phasespace, enabling energy-only models to converge using ...



## Contact Us

---

For catalog requests, pricing, or partnerships, please visit:  
<https://www.conrad.edu.pl>