

Tong Duan, Hongwei Cheng, Yanbo Liu, Qiangchao Sun, ... Min-Kyu Song. Article 103091 View PDF. ... Excellent energy storage properties with ultrahigh W rec in lead-free relaxor ...

Proton-conducting oxides for energy conversion and storage Chuancheng Duan. 0000-0002-1826-1415 ; Chuancheng Duan ... Chuancheng Duan, Jake Huang, Neal Sullivan, Ryan O'Hayre; Proton-conducting oxides ...

H Duan, J Dong, X Gu, YK Peng, W Chen, T Issariyakul, WK Myers, MJ Li, ... Nature Communications 8 (1), 591, 2017 154 2017 Efficient Electrocatalytic Oxidation of Glycerol via ...

This paper conducts a policy-driven system dynamics simulation on the development mechanism of battery storage co-located with renewable energy in China. The ...

This study presents a new approach for optimal allocation of distributed generation (DG) and energy storage system (ESS) in microgrids (MGs). The practical optimal allocation ...

Country:China, Founding date:2006-02-22, Legal representative: Duan Longnian, Registered capital:50000000RMB, Industry: Wholesale of coal and products Employees 0-50 ( 72.48% of ...

Therefore, it is of vital importance to enhance pseudocapacitive responses of energy storage materials to obtain excellent energy and power densities at the same time. In this Review, we first present basic concepts and ...

Huigao Duan received his BS and PhD in Physics from Lanzhou University (China) in 2004 and 2010, respectively. From 2006 to 2008, he was working as a Researcher in Institute of ...

Yinghui Wang, Huihao Wang, Yadong Chen, C. Srinivasakannan, Ruihao Tang, Xinhui Duan Graphene-like carbon material was rapidly synthesized from waste bamboo stem ...

Graphene, a truly two-dimensional hexagonal lattice of carbon atoms, possesses remarkable properties not seen in any other material, including ultrahigh electron mobility, high tensile strength, and uniform broadband ...

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Xinhui Duan. dxh1191984@aliyun ... Yinghui W ang 1,2,3 &#183; Huihao W ang 1,2,3 &#183; Y adong Chen 4 ... This work paves a new way to develop flexible, light-weight, and ...

Synthesis of biomass derived microporous activated carbon materials has fascinated attention in the emerging field of energy storage due to its high specific surface ...

Miaomiao Zhou, Ji Shen, Yang Duan, Yinze Zuo, ... Ruiping Liu. Article 103250 View PDF. Article preview. ... [Energy Storage Materials Volume 62 (2023) 102925] Yonghui Xie, Wenrui Zheng, ...

,Li Weifeng,,,,,,,,, , ...

The calcination of metal-organic framework (MOF) precursors is promising for the preparation of nanoscale carbon materials, but the resulting morphologies have remained ...

: ,,,?1999-2003 ,;2003-2009 ,? ...

(1)Jianguo Duan, Yang Liu, Liangzai Zeng, Yaxiong Wang, Qingzong Su, Jinrong Wang. Experimental Investigation of a Novel Solar Energy Storage Heating Radiator ...

Article from the Special Issue on Sustainability assessment of Energy Storage technologies; Edited by Claudia D'Urso, Marco Ferraro; Vincenzo Antonucci and Manuel Baumann; ...

Here, guided by multiple synergistic strategies, an ultra-high Wrec of 5.94 J/cm<sup>3</sup> with simultaneous an exceptional energy storage efficiency of 71 % at moderate electric fields ...

State-of-charge balance is vital for allowing multiple energy storage units (ESUs) to make the most of stored energy and ensure safe operation. Concerning scenarios wherein ...

The energy storage device showed good cycle stability. ... Yinghui Wang, Huihao Wang, Ruihao Tang & Xinhui Duan. Manufacturing Innovation Center for Solid Waste ...

Graphene-like carbon material was rapidly synthesized from waste bamboo stem as raw material with assistance of microwave heating and KHCO<sub>3</sub> acting as both catalyst and ...

,Li Weifeng,,,,,,,,, :1982-07-04 ...

Naveed Ramzan. Preparation of carbon materials for supercapacitors in energy storage by direct hydrothermal carbonization of cellulose and pyrazine: Chang Liu, Kun Wang, Yu-Han Du, Rao ...

Kun Yang's 171 research works with 9,749 citations and 6,458 reads, including: Few-Atomic Zero-Valent Palladium Ensembles for Efficient Reductive Dehydrogenation and Dehalogenation ...

Long-duration storage plays unique roles, such as seasonal and multi-year storage, that increase the

affordability of electricity from variable renewable energy. We ...

The energy crisis is at the top of global priorities. It left us with an option to progress with highly efficient materials for energy conversion, production, and storage systems. Carbon ...

The energy barrier of pristine Li<sub>2</sub>S is as high as 3.4 eV per chemical formula, while the energy barrier of Li<sub>2</sub>S@NC:SAFe is merely 0.81 eV (Fig. 1 C). The result indicates that ...

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DOI: 10.1016/j.diamond.2022.109034 Corpus ID: 248224929; Preparation of novel biochar containing graphene from waste bamboo with high methylene blue adsorption capacity ...

,()Angewandte Chemie International Edition ,//, ...

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