CHEN HUIJIE ENERGY STORAGE

Hongye Ding, Zheng Liu, Ju Xie, Zizhou Shen, Dianheng Yu, Yihao Chen, Yibo Lu, Huijie Zhou, Guangxun Zhang, Huan Pang, Ion Exchange-mediated 3D Cross-linked ZIF-L Superstructure for Flexible Electrochemical Energy Storage. Angew. Chem. Int.

This paper describes control algorithm of minimum energy loss in the aeration process of wastewater treatment in the activated sludge system. Yingsong Chen, Huijie Zhang, Yufang Yin, Yingsong Chen Chengdu Technological University, Chengdu, Sichuan, China Huijie Zhang Corresponding author.; Chengdu Technological University, Chengdu

Journal of Energy Storage 46, 103607, 2022. 47: 2022: Understanding innovation of new energy industry: Observing development trend and evolution of hydrogen fuel cell based on patent mining. M Zhang, X Chen, H Xie, L Esposito, A Parziale, ???

@article{Zhou2023UnderstandingIO, title={Understanding innovation of new energy industry: Observing development trend and evolution of hydrogen fuel cell based on patent mining}, author={Huijie Zhou and Jie Dai and Xihui Chen and Bin Hu and Haoran Wei and Helen Huifen Cai}, journal={International Journal of Hydrogen Energy}, year={2023}, url

The evolution characteristics of the core network of the patent collaboration network in the field of lithium battery storage are compared with other fields such as phase change materials (PCMs) and the overall storage field in China by using the data from the Patsnap. Based on the trend of patent quantity, this paper chooses 2009 as the starting year ???

Read the latest articles of Energy Storage Materials at ScienceDirect , Elsevier's leading platform of peer-reviewed scholarly literature Shigang Chen, Rong Lan, John Humphreys, Shanwen Tao. Pages 205-215 View PDF. Article preview. Chong Bai, Huijie Jin, Zongshuai Gong, Xizheng

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Liu, Zhihao Yuan. Pages 247-254 View PDF.

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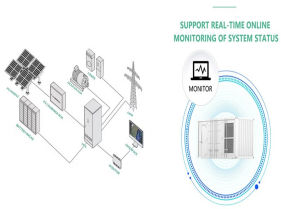
DOI: 10.1016/j.est.2023.110226 Corpus ID: 266804884; Fault evolution mechanism for lithium-ion battery energy storage system under multi-levels and multi-factors @article{Song2024FaultEM, title={Fault evolution mechanism for lithium-ion battery energy storage system under multi-levels and multi-factors}, author={Shuang Song and Xisheng Tang and Yushu Sun and Jinzhu Sun ???

H Zhou, J Dai, X Chen, B Hu, H Wei, HH Cai. International Journal of Hydrogen Energy 52, 548-560, 2024. 44: 2024: Simultaneous synthesis of H2, O2, and N2 via an innovatory energy system in coronavirus pandemic time: design, techno-economic assessment, and optimization approaches. Journal of Energy Storage 66, 107307, 2023. 15:

Inexpensive and efficient electrocatalysts are crucial for the development and practical application of energy conversion and storage technologies. Layered-double-hydroxide (LDH) materials have attracted much attention due to the special layered structure, but their electrocatalytic activity and stability are still limited. Herein, we propose to tune Co2+ ???



Pristine tin (Sn) and tin dioxide (SnO2) have sparked wide interest owing to their abundant resources and superior theoretical capacity. Nevertheless, the obvious volume expansion effect upon cycling and undesirable conductivity of Sn-based materials lead to undesirable specific capacity. In this work, a nanostructured Sn/SnO2/nitrogen-doped carbon ???

Enhanced Active Sites and Stability in Nano-MOFs for Electrochemical Energy Storage through Dual Regulation by Tannic Acid. Yibo Lu, Yibo Lu. School of Chemistry and Chemical Engineering, Yangzhou University, Yangzhou, Jiangsu, 225009 P. R. China Huijie Zhou, Huijie Zhou. School of Chemistry and Chemical Engineering, Yangzhou University

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@article{Lu2023EnhancedAS, title={Enhanced Active Sites and Stability in Nano-MOFs for Electrochemical Energy Storage through Dual Regulation by Tannic Acid.}, author={Yibo Lu and Guangxun Zhang and Huijie Zhou and Shuai Cao and Yi Zhang and Shuli Wang and Huan Pang}, journal={Angewandte Chemie}, year={2023}, pages={ e202311075 }, ???

Yetong Cao, Fan Li, Huijie Chen, Xiaochen Liu, Li Zhang, Yu Wang: Guard Your Heart Silently: Continuous Electrocardiogram Waveform Monitoring with Wrist-Worn Motion Sensor. Proc. ACM Interact. Mob. Wearable Ubiquitous Technol. 6 (3): 103:1-103:29 (2022)

Complex materials with hierarchical structures exhibit performance superior to those of their individual building blocks that has attracted increasing attention [13].Hierarchical structure is a structure formed by the assembly and folding of simple molecular blocks, which has different sequences and shapes, as well as various remarkable properties and functions [13], ???

Di Chen; Zhengxing Wu; Huijie Dong (AUVs) are significant for ocean exploitation owing to energy storage and data communication limitations. Aiming at the energy supplement for bionic robotic

Publications ? 1/4 ?SCI papers and patents ? 1/4 ? 2024. 228. W. Luo, J. Hu*, Y. Lu, H. Hou, J. Yang, Synchronous Detection of Random and Event-based Anomalies in Environmental Time Series Data with Fourier Transformation and Deep Learning, Manuscript open-sourced code under GNU GPL License: outlier_detection-master.zip

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@article{Jiang2022ApplicationsOH, title={Applications of hierarchical metal???organic frameworks and their derivatives in electrochemical energy storage and conversion}, author={Li Jiang and Huijie Zhou and Han Yang and Nuochen Sun and Ziyang Huang and Huan Pang}, journal={Journal of Energy Storage}, year={2022}, url={https://api

The National Energy Administration of China has listed hydrogen energy and fuel cell technology as a key task of energy technology and equipment during the 14th Five-Year Plan period, and released the White Paper 2020 on China's Hydrogen Energy and Fuel Cell Industry, which expounds the development trend, development prospect and key

Huijie Pei; Xiaoyu Chen Aqueous batteries have recently attracted considerable interest in the realm of the high-safety energy storage field because of their intrinsic nonflammability and

Understanding innovation of new energy industry: Observing development trend and evolution of hydrogen fuel cell based on patent mining Huijie Zhou a, Jie Dai b,c, Xihui Chen d, Bin Hu e,*, Haoran

1 ? Developing fast-charging lithium-ion batteries (LIBs) that feature high energy density is critical for the scalable application of electric vehicles. Iron vanadate (FVO) holds great ???

Nanostructured covalent organic frameworks with elevated crystallization for (electro)photocatalysis and energy storage devices. Haoyun Chen Xingzhong Yuan Hou Wang Hanbo Yu Longbo Jiang. Materials Science, Chemistry. Lei Chen Huijie Yu Wenxiao Li M. Dirican Yong Liu Xiangwu

Zhang. Materials Science, Engineering.

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According to statistics from the CNESA global energy storage project database, by the end of 2019, accumulated operational electrical energy storage project capacity (including physical energy storage, electrochemical energy storage, and molten salt thermal storage) in China totaled 32.3 GW. Chen Shengjun, CRRC New Energy Technology:

Huijie Chen () Department of Computer Science, Beijing University of Technology. Verified email at bjut .cn. H Chen, K Sharif, Y Wang. IEEE Transactions on Services Computing 14 (6), 1864-1876, 2019. 22: 2019: CondioSense: High-quality context-aware service for audio sensing system via active sonar. F Li, H Chen, X Song, Q Zhang

Research on configuration optimization of distributed energy storage system based on multi-objective genetic algorithm. Chen Hongliang, Han Songyuan, Fan Zhonghua, Qiao Huijie. Intelligent

Author links open overlay panel Huijie Zhou a, Jie Dai b c, Xihui Chen d, Bin Hu e, Haoran Wei b, Helen Huifen Cai c. The importance of patents has also been recognized by economists. For instance, Chen et al. [17] employed the logarithmic mean Divisia index (LMDI) method to explore the impact of renewable energy technology patents on

PVPCo-ZIF-L???. ,Ni 2+Co-ZIF-L,PVA-Co 6.53 Ni-ZIF-L//AC ???

35. Lv T., Yao Y., Li N., Chen T.* Wearable fiber-shaped energy conversion and storage devices based on aligned carbon nanotubes. Nano Today2016 (invited review) (in press). 34. Chen T., Dai L. Flexible and wearable wire-shaped microsupercapacitors based on highly aligned

titania and carbon nanotubes.Energy Storage Materials2016, 2, 21???26