

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 ...

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 ...

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 ...

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 ...

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 ...

Publications (SCI papers and patents) 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

Semantic Scholar extracted view of "An analysis of li-ion induced potential incidents in battery electrical energy storage system by use of computational fluid dynamics modeling and simulations: The Beijing April 2021 case study" by Xingyu Shen et al.

Youmin Chen, Xiangyao Yu, Paraschos Koutris, Andrea Arpaci-Dusseau, Remzi Arpaci-Dusseau, Jiwu Shu ... Storage and Analysis (SC'17), 2017 Paper. Log-structured non-volatile main memory. Qingda Hu, Jinglei Ren, Anirudh Badam, Jiwu Shu, Thomas Moscibroda ... A Compact and Energy Efficient PIM-based

Architecture for GAN Training. Haiyu Mao, Jiwu ...

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 ...

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 ...

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 ...

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], ...

35. Lv T., Yao Y., Li N., Chen T.* Wearable fiber-shaped energy conversion and storage devices based on aligned carbon nanotubes. Nano Today 2016 (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 Materials 2016, 2, 21-26 ...

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:

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 Binbin Luo +4 authors Mingfu Zhao. Medicine, Biology. Italian National Conference on Sensors. 31 May 2023; TLDR. Experimental results showed that the proposed biosensor for *T. gondii* monoclonal antibody solutions was 1 pg/mL to 10 ng/mL with sensitivity of 3.358 nm/log(mg/mL); the detection of limit was calculated to be 87 fg/mL ...



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