Ma zifeng energy storage technology

Numerical modeling of the cavity phenomenon and its elimination way in rectangular radial moving bed reactor. Powder Technology, 2015, 274, 28-36. (17) Yijun He*, Zifeng Ma. Optimal ...

Resolving the Tradeoff Between Energy Storage Capacity and Charge Transfer Kinetics of Sulfur-Doped Carbon Anodes for Potassium Ion Batteries by Pre-Oxidation-Anchored Sulfurization

Abstract: Research and development progress on energy storage technologies of China in 2021 is reviewed in this paper. By reviewing and analyzing three ...

WANG Hong, LIAO Xiaozhen, XIE Yingying, WANG Mengxue, ZHOU Guanggai, YANG Ke, KANG Shuwen, ZHAO Zhengwei, MA Zifeng. Design and investigation on portable energy ...

In the future, Veken Technology will continue to promote its technological path, focusing on the research and development of high-energy density power batteries, long-cycle energy storage ...

Ma currently serves a Chief Scientist of the 973 Program of China on electric vehicle and energy storage related technologies. He is also the Chair of the Institute of Energy Storage ...

Rechargeable lithium-oxygen (Li-O2) batteries with ultrahigh theoretical energy density have attracted great attention as energy storage and conversion devices.

Chair (s): Ma Zifeng Co-chair (s) (from abroad): Sanjeev Mukerjee Secretary-general: Yang Xiaowei Contact information: Yang Xiaowei, +86 13585566895, ...

This Review discusses how nanostructured materials are used to enhance the performances and safety requirements of Li batteries for hybrid and long-range electric vehicles.

Interface engineering in electrode materials is an attractive strategy for enhancing charge storage, enabling fast kinetics, and improving cycling stability for energy storage systems. Nevertheless, ...

Abstract: Research and development progress on energy storage technologies of China in 2021 is reviewed in this paper. By reviewing and analyzing three aspects of research and development ...

:,, Abstract: Research and development progress on energy storage technologies of China in 2021 is reviewed in this paper. By reviewing and analyzing three ...

Biography Zifeng Ma received the B.Sc. and M.Sc. degrees from Zhejiang University, Hangzhou, China, in

1985 and 1988, respectively, and the Ph.D. degree from the South China University ...

Dr Zi-Feng Ma is a Distinguished Professor and Director of Shanghai Electrochemical Energy Devices (SEED) Research Center at Shanghai Jiao ...

Professor Yu Chang, School of chemical engineering, Dalian University of Technology Professor Yu Yan, School of chemistry and materials science, University of science and technology of ...

Cite this article YANG Dezhi, SHEN Jiani, YANG Xiaowei, MA Zifeng. Progress in graphene based supercapacitors [J]. Energy Storage Science and Technology, 2014, 3 (1): 1-8.

Zifeng Ma"s 21 research works with 540 citations and 1,186 reads, including: Achieving Ultra-Stable All-Solid-State Sodium Metal Batteries with Anion-Trapping 3D Fiber Network ...

Notes on contributors Zifeng Ma Zifeng Ma is a graduate student of University of Science and Technology of Beijing. His work focuses specifically on the Phase Change ...

Dr Zi-Feng Ma is a Distinguished Professor and Director of Shanghai Electrochemical Energy Devices (SEED) Research Center at Shanghai Jiao Tong University, where he is responsible ...

?University of Shanghai for Science & Technology? - ??:12,567 ?? - ?Energy storage devices? - ?Flexible wearable sensors? - ?Microneedles? - ?Two-dimensional materials?

Science and Technology Project industry. In allusion to key technology for storage and trans-portation of hydrogen and its application in power industry, the significance and the ...

This Review discusses how nanostructured materials are used to enhance the performances and safety requirements of Li batteries for hybrid ...

Journal of Energy Storage, 2021, 44, 103316. [11] Xiaojian Dong, Jiani Shen *, Guoxin He, Zifeng Ma, Yijun He *. A general radial basis function neural network assisted hybrid modeling method ...

With formal notice released by National ministry of science and technology research management center, Dean of Sinopoly Battery Research Institute Ma ...

Chair (s): Ma Zifeng Co-chair (s) (from abroad): Sanjeev Mukerjee Secretary-general: Yang Xiaowei Contact information: Yang Xiaowei, +86 13585566895, yangxw@sjtu .cn ...

Interface engineering in electrode materials is an attractive strategy for enhancing charge storage, enabling fast kinetics, and improving cycling stability for energy storage systems.

Combined with his research into fuel cells and electrochemical energy storage, Ma explained the status and role of electrochemical energy engineering in the field of chemical technology ...

Interface engineering in electrode materials is an attractive strategy for enhancing charge storage, enabling fast kinetics, and improving cycling stability for energy ...

Elucidating the Synergic Effect in Nanoscale MoS2/TiO2 Heterointerface for Na-Ion Storage Chunrong Ma,* Dewen Hou, Jiali Jiang, Yanchen Fan, Xiang Li, Tianyi Li, Zifeng Ma, Haoxi ...