

Professor of Zhejiang University of Technology - H-index:6,834 - Functional composite interface materials for high specific energy batteries - Electron microscopic analysis of sensitive ...

KORE Power is a U.S.-based developer of battery cell technology and integrated solution manufacturer for e-mobility and energy storage. "KORE Power is uniquely positioned ...

With the rapid advancement of photovoltaic and energy storage technologies, photovoltaic energy storage refrigerator systems have gained significant attention as an ...

The growing concern for the exhaustion of fossil energy and the rapid revolution of electronics have created a rising demand for electrical energy storage devices with high energy density, ...

Liang, Tao, H-index:184, Applied Energy ...

2024-05-23 Electric Power Systems Research Deep reinforcement learning-based optimal scheduling of integrated energy systems for electricity, heat, and hydrogen storage

Lead-free relaxor ferroelectric ceramics with high recoverable energy storage density and energy storage efficiency over a broad temperature and frequency range are attractive for pulsed ...

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With the development of new energy vehicles, an increasing number of retired lithium-ion batteries need disposal urgently. Retired lithium-ion batteries still retain about 80 % ...

Massachusetts Institute of Technology; PhD-University of British Columbia - H-index:383 - machine learning - fault diagnosis - process control - process monitoring - renewable energy

Lithium sulfur (Li-S) battery has been regarded as the promising energy storage device. However, this technology faces great challenges from both anode and cathode, which are mainly caused ...

At the same time, wind power and photovoltaics have gradually been widely used in power systems. In this context, this paper proposes a bi-level optimization model of energy storage ...

Associate Professor, Shanghai Jiao Tong University; Postdoctoral Scholar, LBNL; Ph.D. at Stanford - Cited by 21,380 - Energy Conversion and Storage - Li ion Batteries - Li-S Batteries - ...

4 ???&#0183; New liquid air storage system bottles electricity on demand, producing 10 tons daily Korea's KIMM team achieved the country's first large-scale liquid ...

?University of Melbourne, Tsinghua University, CAS, Nanyang Technological University? - ??????:10,816  
??? - ?Emerging Layered Materials? - ?Energy Devices? - ?Electro& photocatalytic Applications?

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