

A multi-institutional research team led by Georgia Tech's Hailong Chen has developed a new, low-cost cathode that could radically improve lithium-ion batteries (LIBs) -- ...

MITEI's three-year Future of Energy Storage study explored the role that energy storage can play in fighting climate change and in the global adoption of clean energy grids. Replacing fossil fuel-based power generation with power ...

New York State Energy Research and Development Authority President and CEO Doreen M. Harris said, "The NENY Storage Engine developed at Binghamton University in the Southern Tier is helping ensure ...

New and above all--large--applications that are fed by electrochemical storage systems are being considered. In order to keep pace with the accelerated introduction of battery electric vehicles, stationary storage systems and new ...

As research has focused on refining electrode materials, optimizing electrolyte formulations, and advancing manufacturing processes, lithium-sulfur batteries may become the energy storage solution of choice for applications demanding ...

3 ???· Study of disordered rock salts leads to battery breakthrough. A new family of integrated rock salt-polyanion cathodes opens door to low-cost, high-energy storage. ... MIT graduate ...

Power batteries are the core of new energy vehicles, especially pure electric vehicles. Owing to the rapid development of the new energy vehicle industry in recent years, ...

JCESR's third legacy is a new paradigm for battery research and development that will accelerate the pace of discovery and innovation and reduce the time from conceptualization to ...



New energy storage battery research and development

