

Dean Pan got B.S. from Dept. Chemistry, Peking University in 1985 ... Since he joined LBNL in 2001, Dr. Liu has led energy storage research projects for the Department of Energy, and developed key technologies including conductive binders to improve battery performance. He has also collaborated with companies to commercialize new battery ...

Energy Storage Materials, 2017, 6: 61-69. [3] Deng J, Yu X, Qin X, et al. Controlled synthesis of anisotropic hollow ZnCo₂O₄ octahedrons for high performance lithium storage. Energy Storage Materials, 2018, 11: 184-190. [4] Deng J, Yu X, Tang J, et al. Highly reversible lithium storage in a conversion-type ZnCo₂O₄ anode promoted by NiCl₂ ...

latent heat storage devices for long-term energy storage. A review of PCM/nano-PCM melting and freezing processes and their uses in energy storage was done by Rostami et al.

Center for New Energy Systems Beijing Engineering Research Center of City Heat. Office Add: Rm 812, Wangkezheng Building ... Refrigeration and Air Conditioning, Renewable Thermal Energy Conversion and Storage, Waste Material Recovery by Waste Heat or Cold Energy. ... Tohoku University, Japan, 2009. Beijing Nova Program, 2009. Fellowship Award ...

currently working on photo-thermal conversion materials, energy storage systems, nanoscale-modified ultrahigh thermal conducting materials and SiO₂ aerogel based thermal insulators.

Xinyu HUANG, PhD Student | Cited by 1,633 | of Peking University, Beijing (PKU) | Read 15 publications | Contact Xinyu HUANG ... Solar-thermal energy storage using latent heat of phase change ...

Yatao Liu currently works at the School of materials science and engineering, Nankai University. Yatao does research in energy storage materials, materials Chemistry, Inorganic Chemistry and ...

2020 - present Assistant Professor College of Engineering, Peking University. 2020 - present Co-PI, The Beijing Innovation Center for Engineering Science and Advanced Technology ... geared towards grid energy storage and electric transportation, both of which are critical sectors for a clean and renewable future. ... P., Sun, X., Pang, Q ...

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My research focuses on the design of energy storage materials and heterogeneous catalysts via first-principles

calculations and machine learning. Home Peking University

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The global demand for data storage is currently outpacing the world's storage capabilities. DNA, the carrier of natural genetic information, offers a stable, resource-and energy-efficient and ...

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Qiu TIANJIE | Cited by 1,850 | of Peking University, Beijing (PKU) | Read 27 publications | Contact Qiu TIANJIE ... for the energy storage devices. ... have received a great deal of research focus ...

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