

Lithium-ion battery is widely used in various industrial applications including electric vehicles (EVs) and distributed grids due to its high energy density and long service life.

Datong Liu. Harbin Institute of Technology; Jingyue Pang. ... Lithium-ion battery is a promising power source for electric vehicles owing to its high specific energy and power. ...

TL;DR: A hybrid model to estimate the lithium-ion battery SOC under dynamic conditions using deep belief network and the Kalman filter and the biggest average estimation ...

Dr. Datong Liu is currently a full professor with the School of Electronics and Information Engineering, Harbin Institute of Technology (HIT). ... Lithium-ion battery packs are critical to ensure ...

This article introduces top 10 lithium battery electrolyte manufacturers in China, including information and main products of each company. ... Guancheng Datong Co., Ltd. was established in 1956 with registered capital of 553 million RMB. It ...

An ensemble model for predicting the RUL of a lithium-ion battery is introduced by combining a fused empirical exponential and polynomial regression model and a PF algorithm [12].

Lithium-ion battery remaining useful life estimation with an optimized relevance vector machine algorithm with incremental learning

[3] Crystallographic habit tuning of $\text{Li}_2\text{MnSiO}_4$ nanoplates for high-capacity lithium battery cathodes. Z. Ding, Y. Feng, D. Zhang, R. Ji, L. Chen, D. G. Ivey, W. Wei* ACS Appl. Mater. ...

DOI: 10.1016/J.ENERGY.2018.09.101 Corpus ID: 115753575; Lithium-ion battery modeling and parameter identification based on fractional theory @article{Hu2018LithiumionBM, ...

A lithium-ion or Li-ion battery is a type of rechargeable battery that uses the reversible intercalation of Li^+ ions into electronically conducting solids to store energy. In comparison ...

He is currently a Full Professor with the School of Electronics and Information Engineering, HIT. His research interests include automatic test and simulation, condition monitoring, system ...

DOI: 10.1007/s00521-013-1520-x Corpus ID: 18076906; Lithium-ion battery remaining useful life estimation based on fusion nonlinear degradation AR model and RPF ...

Lithium-ion battery remaining useful life estimation with an optimized relevance vector machine ...

Lithium-ion battery is a promising power source for electric vehicles owing to its high specific energy and power. Through monitoring battery health in effective way such as ...

For lithium-ion batteries, accelerated degradation test (ADT) plays a pivotal role for their long cycle life and high reliability. In some applications, the degradation of...

DOI: 10.1016/j.microrel.2017.06.045 Corpus ID: 28500821; Data-driven hybrid remaining useful life estimation approach for spacecraft lithium-ion battery @article{Song2017DatadrivenHR, ...

DOI: 10.1016/j.microrel.2020.113857 Corpus ID: 228947515; Lithium-ion battery performance degradation evaluation in dynamic operating conditions based on a digital twin model ...

Amazon : Datong Technology Mini Chainsaw Cordless Electric Handheld - 4 Inch Battery Powered Small Chain Saw with 2 Rechargeable Lithium Batteries for Tree Wood Cutting, Red, ...

Lithium-ion battery remaining useful life prognostics using data-driven deep learning algorithm, PHM 2018-Chongqing. Liansheng Liu, Datong Liu, Yu Peng, Online RUL Prediction of ...

Datong XYZ Information Technology is a professional lithium battery manufacturer focus on lithium ion pouch battery cell, battery pack. Our main products are lifepo4 and nmc battery.

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