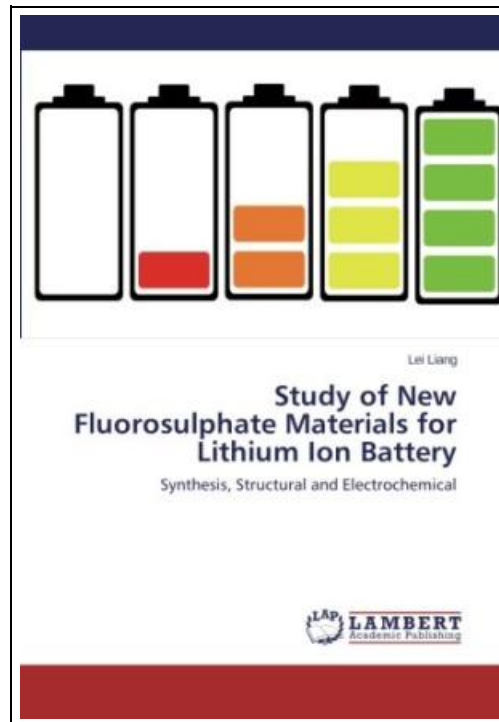


Study of New Fluorosulphate Materials for Lithium Ion Battery



Filesize: 7.71 MB

Reviews

It is one of the most popular publications. It is actually written in easy words instead of confusing. You will like how the author created this book.

(Art Gislason)

STUDY OF NEW FLUOROSULPHATE MATERIALS FOR LITHIUM ION BATTERY



To get **Study of New Fluorosulphate Materials for Lithium Ion Battery** eBook, make sure you click the hyperlink beneath and save the file or get access to other information that are highly relevant to STUDY OF NEW FLUOROSULPHATE MATERIALS FOR LITHIUM ION BATTERY ebook.

LAP Lambert Academic Publishing Nov 2015, 2015. Taschenbuch. Book Condition: Neu. 220x150x6 mm. Neuware - In this book, synthesis, structural and electrochemical performances, especially kinetics of LiFeSO₄F are investigated. LiFeSO₄F powder was obtained through ionothermal and solid state methods. The properties of obtained powders were characterized by X-ray diffraction (XRD) and scanning electron microscope (SEM). The diffusion path of LiFeSO₄F was investigated through crystallography point of view. The concept of Li⁺ hopping distance and anion window were used to determine the fastest diffusion path. First principle calculation data on activation energy was applied to derive the theoretical diffusion coefficient in the order of 10⁻¹⁵ cm²/s. The apparent chemical diffusion coefficients (D) of lithium in the material were measured by cyclic voltammetry (CV), galvanostatic intermittent titration technique (GITT), electrochemical impedance spectroscopy (EIS) and potential relaxation technique (PRT) methods. Rate and cycling performance were studied with film and/or powder electrode. The effect of particle size to the electrochemical performance was studied. The reason of moisture sensitivity is proposed and tested. 100 pp. Englisch.



[Read Study of New Fluorosulphate Materials for Lithium Ion Battery Online](#)



[Download PDF Study of New Fluorosulphate Materials for Lithium Ion Battery](#)

You May Also Like



[PDF] Depression: Cognitive Behaviour Therapy with Children and Young People

Access the link listed below to get "Depression: Cognitive Behaviour Therapy with Children and Young People" file.

[Download ePub »](#)



[PDF] Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: (Learn to Read Crochet Patterns, Charts, and Graphs, Beginner s Crochet Guide with Pictures)

Access the link listed below to get "Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: (Learn to Read Crochet Patterns, Charts, and Graphs, Beginner s Crochet Guide with Pictures)" file.

[Download ePub »](#)



[PDF] Naptime with Theo and Beau

Access the link listed below to get "Naptime with Theo and Beau" file.

[Download ePub »](#)



[PDF] California Version of Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package

Access the link listed below to get "California Version of Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package" file.

[Download ePub »](#)



[PDF] Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package

Access the link listed below to get "Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package" file.

[Download ePub »](#)



[PDF] Who Am I in the Lives of Children? an Introduction to Early Childhood Education with Enhanced Pearson Etext -- Access Card Package

Access the link listed below to get "Who Am I in the Lives of Children? an Introduction to Early Childhood Education with Enhanced Pearson Etext -- Access Card Package" file.

[Download ePub »](#)