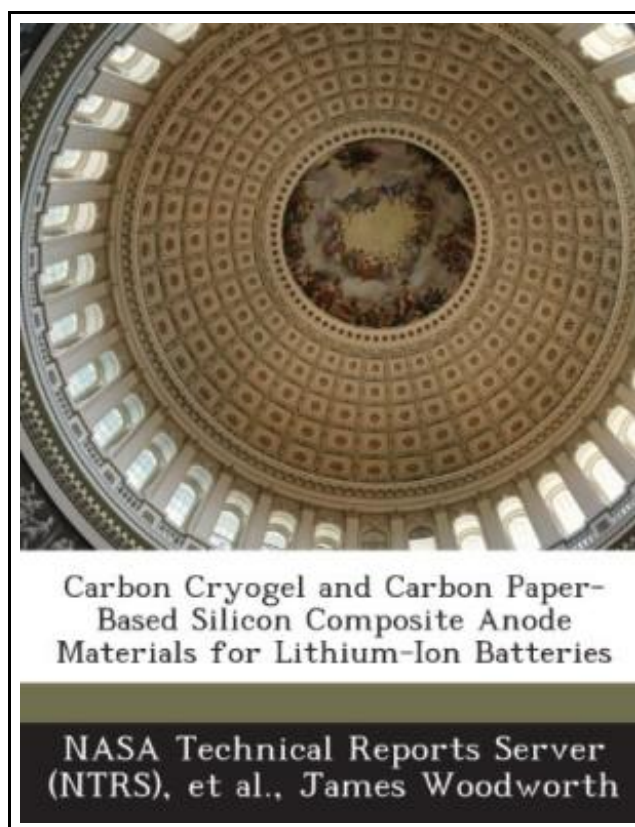


Carbon Cryogel and Carbon Paper-Based Silicon Composite Anode Materials for Lithium-Ion Batteries



Filesize: 5.66 MB

Reviews

*This publication will never be straightforward to get going on looking at but really fun to see. This can be for all those who statte that there had not been a worth looking at. You wont really feel monotony at at any moment of your own time (that's what catalogs are for about should you request me).
(Cale Hansen Sr.)*

CARBON CRYOGEL AND CARBON PAPER-BASED SILICON COMPOSITE ANODE MATERIALS FOR LITHIUM-ION BATTERIES



To save **Carbon Cryogel and Carbon Paper-Based Silicon Composite Anode Materials for Lithium-Ion Batteries** eBook, make sure you refer to the hyperlink below and save the file or have access to additional information which are in conjunction with CARBON CRYOGEL AND CARBON PAPER-BASED SILICON COMPOSITE ANODE MATERIALS FOR LITHIUM-ION BATTERIES ebook.

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.A variety of materials are under investigation for use as anode materials in lithium-ion batteries, of which, the most promising are those containing silicon. 6 One such material is a composite formed via the dispersion of silicon in a resorcinol-formaldehyde (RF) gel followed by pyrolysis. Two silicon-carbon composite materials, carbon microspheres and nanofoams produced from nano-phase silicon impregnated RF gel precursors have been synthesized and investigated. Carbon microspheres are produced by forming the silicon-containing RF gel into microspheres whereas carbon nano-foams are produced by impregnating carbon fiber paper with the silicon containing RF gel to create a free standing electrode. 1-5 Both materials have demonstrated their ability to function as anodes and utilize the silicon present in the material. Stable reversible capacities above 400 mAh/g for the bulk material and above 1000 mAh/g of Si have been observed.



[Read Carbon Cryogel and Carbon Paper-Based Silicon Composite Anode Materials for Lithium-Ion Batteries Online](#)



[Download PDF Carbon Cryogel and Carbon Paper-Based Silicon Composite Anode Materials for Lithium-Ion Batteries](#)

See Also



[PDF] Weebies Family Halloween Night English Language: English Language British Full Colour

Follow the web link below to download and read "Weebies Family Halloween Night English Language: English Language British Full Colour" document.

[Download PDF »](#)



[PDF] New KS2 English SAT Buster 10-Minute Tests: 2016 SATs & Beyond

Follow the web link below to download and read "New KS2 English SAT Buster 10-Minute Tests: 2016 SATs & Beyond" document.

[Download PDF »](#)



[PDF] New KS2 English SAT Buster 10-Minute Tests: Grammar, Punctuation & Spelling (2016 SATs & Beyond)

Follow the web link below to download and read "New KS2 English SAT Buster 10-Minute Tests: Grammar, Punctuation & Spelling (2016 SATs & Beyond)" document.

[Download PDF »](#)



[PDF] Summer Fit Preschool to Kindergarten Math, Reading, Writing, Language Arts Fitness, Nutrition and Values

Follow the web link below to download and read "Summer Fit Preschool to Kindergarten Math, Reading, Writing, Language Arts Fitness, Nutrition and Values" document.

[Download PDF »](#)



[PDF] Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success

Follow the web link below to download and read "Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success" document.

[Download PDF »](#)



[PDF] A Smarter Way to Learn JavaScript: The New Approach That Uses Technology to Cut Your Effort in Half

Follow the web link below to download and read "A Smarter Way to Learn JavaScript: The New Approach That Uses Technology to Cut Your Effort in Half" document.

[Download PDF »](#)