Accepted Manuscript

Low temperature chemical synthesis of silicon nanoparticles as anode materials for lithium-ion batteries

Liangbiao Wang, Tao Mei, Weiqiao Liu, Jianhua Sun, Quanfa Zhou, Yitai Qian

PII:	S0254-0584(18)30740-5
DOI:	10.1016/j.matchemphys.2018.08.075
Reference:	MAC 20918
To appear in:	Materials Chemistry and Physics
Received Date:	19 September 2017
Accepted Date:	24 August 2018

Please cite this article as: Liangbiao Wang, Tao Mei, Weiqiao Liu, Jianhua Sun, Quanfa Zhou, Yitai Qian, Low temperature chemical synthesis of silicon nanoparticles as anode materials for lithiumion batteries, *Materials Chemistry and Physics* (2018), doi: 10.1016/j.matchemphys.2018.08.075

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Low temperature chemical synthesis of silicon nanoparticles as anode materials for lithium-ion batteries

Liangbiao Wang,^a Tao Mei,^{*b} Weiqiao Liu,^a Jianhua Sun,^a Quanfa Zhou,^{*a} and Yitai Qian^c

^aJiangsu Key Laboratory of Precious Metals Chemistry and Engineering, School of Chemistry and Environment Engineering, Jiangsu University of Technology, Changzhou 213001, China. *E-mail: labzqf@jsut.edu.cn.

^bHubei Collaborative Innovation Center for Advanced Organic Chemical Materials, Key Laboratory for the Green Preparation and Application of Functional Materials, Hubei Key Laboratory of Polymer Materials, School of Materials Science and Engineering, Hubei University, Wuhan 430062, China.*E-mail: meitao@hubu.edu.cn. ^cHefei National Laboratory for Physical Sciences at Microscale, University of Science and Technology of China, Hefei, 230026, China. Download English Version:

https://daneshyari.com/en/article/10135461

Download Persian Version:

https://daneshyari.com/article/10135461

Daneshyari.com