

Accepted Manuscript

Title: Synthesis of polyaniline shell on nickel oxide nanoflake arrays for enhanced lithium ion storage

Authors: Hong Ma, Xiufeng Liu, Dong Zhang, Jiayuan Xiang

PII: S0025-5408(17)31059-0

DOI: <http://dx.doi.org/doi:10.1016/j.materresbull.2017.04.033>

Reference: MRB 9294

To appear in: *MRB*

Received date: 19-3-2017

Revised date: 31-3-2017

Accepted date: 10-4-2017



Please cite this article as: Hong Ma, Xiufeng Liu, Dong Zhang, Jiayuan Xiang, Synthesis of polyaniline shell on nickel oxide nanoflake arrays for enhanced lithium ion storage, Materials Research Bulletin <http://dx.doi.org/10.1016/j.materresbull.2017.04.033>

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.

Synthesis of polyaniline shell on nickel oxide nanoflake arrays for enhanced lithium ion storage

Hong Ma^{a*}, Xiufeng Liu^b, Dong Zhang^c, Jiayuan Xiang^{d*}

^aShandong Provincial Key Laboratory of Optics and Photonic device, School of Physics and Electronics, Shandong Normal University, Jinan 250014, China

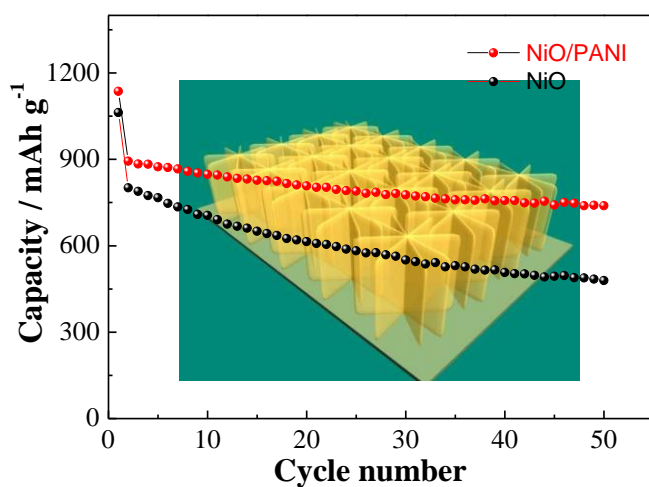
^b Wenzhou Environmental Monitoring Center Station, Wenzhou, 35000, P. R. China

^cHang Zhou Institute of Calibration and Testing for Quality and Technical Supervision, Hangzhou 310019, China

^d Research Institute of Narada Power Source Co., Ltd, Hangzhou 311305, China

* Corresponding author. Tel.: +86 531-86180066; Fax: +86 531-86180066

Graphical Abstract



Self-supported NiO/PANI core/shell arrays are prepared by successive electrodeposition methods and exhibit good lithium ion storage with high capacity & stable cycling life.

Download English Version:

<https://daneshyari.com/en/article/5441965>

Download Persian Version:

<https://daneshyari.com/article/5441965>

[Daneshyari.com](https://daneshyari.com)