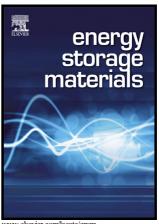
### Author's Accepted Manuscript

All-Solid-State Supercapacitors with Superior Compressive Strength and Volumetric Capacitance

Mingming Han, Xinyu Wang, Chen Chen, Mingchu Zou, Zhiqiang Niu, Quan-Hong Yang, Anyuan Cao, Li Song, Jun Chen, Sishen Xie



www.elsevier.com/locate/ensm

PII: S2405-8297(17)30582-2

DOI: https://doi.org/10.1016/j.ensm.2018.01.007

Reference: ENSM291

To appear in: Energy Storage Materials

Received date: 31 October 2017 Revised date: 7 January 2018 Accepted date: 7 January 2018

Cite this article as: Mingming Han, Xinyu Wang, Chen Chen, Mingchu Zou, Zhiqiang Niu, Quan-Hong Yang, Anyuan Cao, Li Song, Jun Chen and Sishen Xie, All-Solid-State Supercapacitors with Superior Compressive Strength and Volumetric Capacitance, Energy Storage Materials. https://doi.org/10.1016/j.ensm.2018.01.007

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 galley proof before it is published in its final citable 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.

### **ACCEPTED MANUSCRIPT**

# All-Solid-State Supercapacitors with Superior Compressive Strength and Volumetric Capacitance

Mingming Han<sup>a</sup>, Xinyu Wang<sup>a</sup>, Chen Chen<sup>a</sup>, Mingchu Zou<sup>b</sup>, Zhiqiang Niu<sup>a</sup>,\*, Quan-Hong Yang<sup>c</sup>, Anyuan Cao<sup>b</sup>, Li Song,<sup>e</sup> Jun Chen<sup>a,f</sup> and Sishen Xie<sup>d</sup>

<sup>&</sup>lt;sup>a</sup> Key Laboratory of Advanced Energy Materials Chemistry (Ministry of Education), College of Chemistry, Nankai University, Tianjin 300071, P.R. China

<sup>&</sup>lt;sup>b</sup> Department of Materials Science and Engineering, College of Engineering, Peking University, Beijing 100871, P.R. China

<sup>&</sup>lt;sup>c</sup> School of Chemical Engineering and Technology, Tianjin University, Tianjin 300072, P.R. China

<sup>&</sup>lt;sup>d</sup> Beijing National Laboratory for Condensed Matter Physics, Institute of Physics, Chinese Academy of Sciences, Beijing 100190, P. R. China

<sup>&</sup>lt;sup>e</sup> Collaborative Innovation Center of Chemical Science and Engineering, Nankai University, Tianjin 300071, P.R. China

<sup>&</sup>lt;sup>f</sup> National Synchrotron Radiation Laboratory, CAS Hefei Science Center, University of Science and Technology of China, Hefei 230029, P. R. China

<sup>\*</sup> The corresponding author. E-mail: zqniu@nankai.edu.cn (Prof. Z. Q. Niu)

#### Download English Version:

## https://daneshyari.com/en/article/7962520

Download Persian Version:

https://daneshyari.com/article/7962520

Daneshyari.com