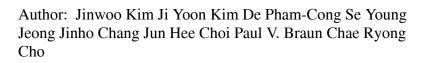
Accepted Manuscript

Title: Individually carbon-coated and electrostatic-force-derived graphene-oxide-wrapped lithium titanium oxide nanofibers as anode material for lithium-ion batteries



PII:	S0013-4686(16)30706-X
DOI:	http://dx.doi.org/doi:10.1016/j.electacta.2016.03.137
Reference:	EA 26967
To appear in:	Electrochimica Acta
Received date:	20-1-2016
Revised date:	6-3-2016
Accepted date:	23-3-2016

Please cite this article as: Jinwoo Kim, Ji Yoon Kim, De Pham-Cong, Se Young Jeong, Jinho Chang, Jun Hee Choi, Paul V.Braun, Chae Ryong Cho, Individually carboncoated and electrostatic-force-derived graphene-oxide-wrapped lithium titanium oxide nanofibers as anode material for lithium-ion batteries, Electrochimica Acta http://dx.doi.org/10.1016/j.electacta.2016.03.137

11

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.

ACCEPTED MANUSCRIPT

Individually carbon-coated and electrostatic-force-derived graphene-oxide-wrapped lithium titanium oxide nanofibers as anode material for lithium-ion batteries

Jinwoo Kim^{a,1}, Ji Yoon Kim^{b,1}, De Pham-Cong^b, Se Young Jeong^b, Jinho Chang^c, Jun Hee Choi^d, Paul V. Braun^a, Chae Ryong Cho^{b,*}

^aDepartment of Materials Science and Engineering, Frederick Seitz Materials Research Laboratory, University of Illinois at Urbana-Champaign, Urbana, Illinois 61801, USA ^bDepartment of Nano Fusion Technology and College of Nanoscience and Nanotechnology, Pusan National University, Busan 609-735, Republic of Korea ^cDepartment of Chemistry, Sungshin Women's University, Seoul 142-732, Republic of Korea ^dSamsung Advanced Institute of Technology, Samsung Electronics, Suwon 443–803, Republic

of Korea

¹ These authors contributed equally.

*E-mail: crcho@pusan.ac.kr

Contact phone: +82-55-350-5297

Download English Version:

https://daneshyari.com/en/article/6607688

Download Persian Version:

https://daneshyari.com/article/6607688

Daneshyari.com