### Accepted Manuscript

Title: Conductive polymer binder for nano-silicon/graphite composite electrode in lithium-ion batteries towards a practical application



Author: Hui Zhao Allen Du Min Ling Vincent Battaglia Gao Liu

PII:	S0013-4686(16)31115-X
DOI:	http://dx.doi.org/doi:10.1016/j.electacta.2016.05.061
Reference:	EA 27285
To appear in:	Electrochimica Acta
Received date:	1-2-2016
Revised date:	7-5-2016
Accepted date:	9-5-2016

Please cite this article as: Hui Zhao, Allen Du, Min Ling, Vincent Battaglia, Gao Liu, Conductive polymer binder for nano-silicon/graphite composite electrode in lithium-ion batteries towards a practical application, Electrochimica Acta http://dx.doi.org/10.1016/j.electacta.2016.05.061

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

#### Conductive polymer binder for nano-silicon/graphite composite electrode

#### in lithium-ion batteries towards a practical application

Hui Zhao,<sup>a</sup><sup>+</sup> Allen Du,<sup>b</sup><sup>+</sup> Min Ling,<sup>a</sup> Vincent Battaglia,<sup>a</sup> and Gao Liu<sup>a\*</sup>

<sup>a</sup>Applied Energy Materials Group, Energy Storage and Distributed Resources Division, Lawrence

Berkeley National Laboratory, Berkeley, California, 94720, United States

<sup>b</sup>University of Michigan, Ann Arbor, 48109, United States

<sup>\*</sup> Tel.: +1-510-486-7207; fax: +1-510-486-7303; Email: <u>gliu@lbl.gov</u> (G. Liu)

+ These authors contributed equally to this work

Download English Version:

# https://daneshyari.com/en/article/6606747

Download Persian Version:

https://daneshyari.com/article/6606747

Daneshyari.com