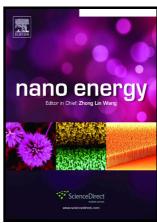
Author's Accepted Manuscript

Understanding the Nanoscale Redox-Behavior of Iron-Anodes for Rechargeable Iron-Air Batteries

Henning Weinrich, Jérémy Come, Hermann Tempel, Hans Kungl, Rüdiger-A. Eichel, Nina Balke



www.elsevier.com/locate/nanoenergy

PII: S2211-2855(17)30626-2

DOI: https://doi.org/10.1016/j.nanoen.2017.10.023

Reference: NANOEN2257

To appear in: Nano Energy

Received date: 22 May 2017 Revised date: 5 September 2017 Accepted date: 9 October 2017

Cite this article as: Henning Weinrich, Jérémy Come, Hermann Tempel, Hans Kungl, Rüdiger-A. Eichel and Nina Balke, Understanding the Nanoscale Redox-Behavior of Iron-Anodes for Rechargeable Iron-Air Batteries, *Nano Energy*, https://doi.org/10.1016/j.nanoen.2017.10.023

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

Understanding the Nanoscale Redox-Behavior of Iron-Anodes for Rechargeable Iron-Air Batteries

Henning Weinrich, $^{\S,||,*}$ Jérémy Come, $^{\#}$ Hermann Tempel, § Hans Kungl, § Rüdiger-A. Eichel, $^{\S,||}$ Nina Balke $^{\#,*}$

§Institute of Energy and Climate Research -Fundamental Electrochemistry (IEK-9), Forschungszentrum Jülich GmbH, 52425 Jülich, Germany

*The Center for Nanophase Materials Sciences, Oak Ridge National Laboratory, Oak Ridge,
Tennessee 37831, United States of America

RWTH Aachen University, Institute of Physical Chemistry, Landoltweg 2, 52074 Aachen,

Germany

Corresponding Authors

* E-mail: balken@ornl.gov

* E-mail: h.weinrich@fz-juelich.de

Download English Version:

https://daneshyari.com/en/article/5451814

Download Persian Version:

https://daneshyari.com/article/5451814

<u>Daneshyari.com</u>