Accepted Manuscript

Title: Ethylenediamine-functionalized graphene oxide incorporated acid-base ion exchange membranes for vanadium redox flow battery

Authors: Shuai Liu, Dan Li, Lihua Wang, Haijun Yang,

Xutong Han, Biqian Liu

PII: S0013-4686(17)30209-8

DOI: http://dx.doi.org/doi:10.1016/j.electacta.2017.01.170

Reference: EA 28837

To appear in: Electrochimica Acta

Received date: 14-8-2016 Revised date: 24-1-2017 Accepted date: 25-1-2017

Please cite this article as: Shuai Liu, Dan Li, Lihua Wang, Haijun Yang, Xutong Han, Biqian Liu, Ethylenediamine-functionalized graphene oxide incorporated acid-base ion exchange membranes for vanadium redox flow battery, Electrochimica Acta http://dx.doi.org/10.1016/j.electacta.2017.01.170

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

Ethylenediamine-functionalized graphene oxide incorporated acid-base ion exchange membranes for vanadium redox flow battery

Shuai Liu, ^{a,b} Dan Li, ^{c,d} Lihua Wang, ^{a,d}* Haijun Yang, ^a Xutong Han, ^{c,d}* and Biqian Liu, ^a

- a. Key laboratory of Green Printing, Institute of Chemistry, Chinese Academy of Sciences, Beijing, 100190, P.R. China.
- b. University of Chinese Academy of Sciences, 100049, P.R. China.
- c. School of materials science and engineering, Tianjin Polytechnic University, Tianjin, 300387,P. R. China.
- d. State key laboratory of Separation Membranes and Membrane Processes, Tianjin Polytechnic University, Tianjin, 300387, P. R. China.

Download English Version:

https://daneshyari.com/en/article/6471375

Download Persian Version:

https://daneshyari.com/article/6471375

<u>Daneshyari.com</u>