## Accepted Manuscript

Effect of temperature on the electrochemical synthesis of MnO<sub>2</sub> recycled from spent Zn–MnO<sub>2</sub> alkaline batteries and application of recycled MnO<sub>2</sub> as electrochemical pseudocapacitors

B.B. Carvalho, V.C.B. Pegoretti, V.G. Celante, P.V.M. Dixini, P.L. Gastelois, W.A.A. Macedo, M.B.J.G. Freitas

PII: S0254-0584(17)30332-2

DOI: 10.1016/j.matchemphys.2017.04.051

Reference: MAC 19656

To appear in: Materials Chemistry and Physics

Received Date: 28 October 2016

Revised Date: 10 February 2017

Accepted Date: 25 April 2017

Please cite this article as: B.B. Carvalho, V.C.B. Pegoretti, V.G. Celante, P.V.M. Dixini, P.L. Gastelois, W.A.A. Macedo, M.B.J.G. Freitas, Effect of temperature on the electrochemical synthesis of MnO<sub>2</sub> recycled from spent Zn–MnO<sub>2</sub> alkaline batteries and application of recycled MnO<sub>2</sub> as electrochemical pseudocapacitors, *Materials Chemistry and Physics* (2017), doi: 10.1016/j.matchemphys.2017.04.051.

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.



Graphical Abstract



Capacity of MnO<sub>2</sub> recycled

Download English Version:

## https://daneshyari.com/en/article/5448132

Download Persian Version:

https://daneshyari.com/article/5448132

Daneshyari.com