Accepted Manuscript

Bio-template synthesized NiO/C hollow microspheres with enhanced Li-ion battery electrochemical performance

Jiangyang Tian, Qian Shao, Xiaojie Dong, Jinlong Zheng, Duo Pan, Xiyu Zhang, Huili Cao, Luhan Hao, Jiurong Liu, Xianmin Mai, Zhanhu Guo

PII: S0013-4686(17)32654-3

DOI: 10.1016/j.electacta.2017.12.094

Reference: EA 30882

To appear in: *Electrochimica Acta*

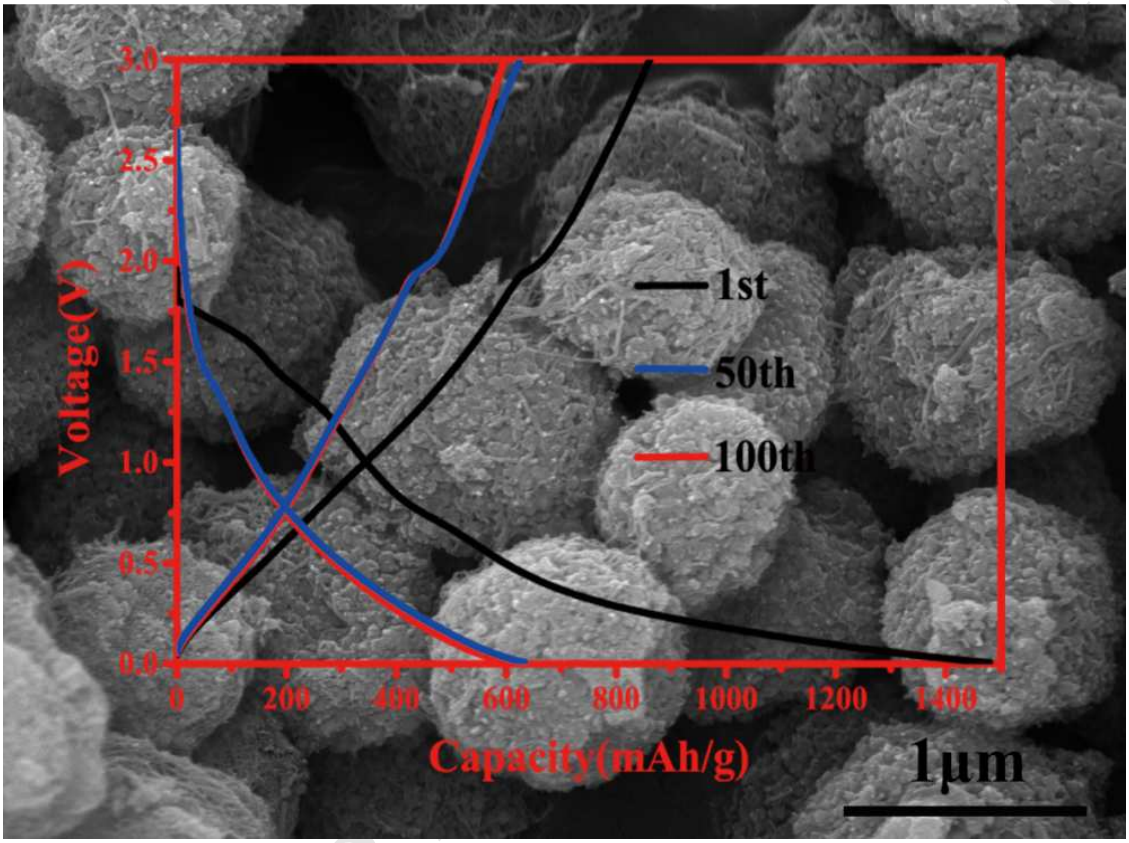
Received Date: 5 June 2017

Revised Date: 16 November 2017

Accepted Date: 12 December 2017

Please cite this article as: J. Tian, Q. Shao, X. Dong, J. Zheng, D. Pan, X. Zhang, H. Cao, L. Hao, J. Liu, X. Mai, Z. Guo, Bio-template synthesized NiO/C hollow microspheres with enhanced Li-ion battery electrochemical performance, *Electrochimica Acta* (2018), doi: 10.1016/j.electacta.2017.12.094.

Graphical Abstract



The C/NiO hollow microspheres successfully obtained by using yeasts bio-template and glucose as carbon source have demonstrated higher discharge capacity and better cycle performance as an anode material in Li-ion battery.