

Supporting Information for:

**Bottom-up synthesis of nitrogen-doped porous carbon
scaffolds for lithium and sodium storage**

Hongling Lu,^{a#} Renpeng Chen,^{a#} Yi Hu,^a Xiaoqi Wang,^a Yanrong Wang,^a Lianbo Ma,^a
Guoyin Zhu,^a Tao Chen,^a Zuoxiu Tie,^{ab} Zhong Jin,^{*a} and Jie Liu,^{*ac}

^a Key Laboratory of Mesoscopic Chemistry of MOE and Collaborative Innovation
Center of Chemistry for Life Sciences, School of Chemistry and Chemical
Engineering, Nanjing University, Nanjing, Jiangsu 210093, China

^b College of Engineering and Applied Sciences, Nanjing University, Nanjing, Jiangsu
210093, China

^c Department of Chemistry, Duke University, Durham, North Carolina, 27708, USA

[#] These authors contributed equally to this work.

*E-mail addresses of corresponding authors: zhongjin@nju.edu.cn (Z. Jin),
j.liu@duke.edu (J. Liu)

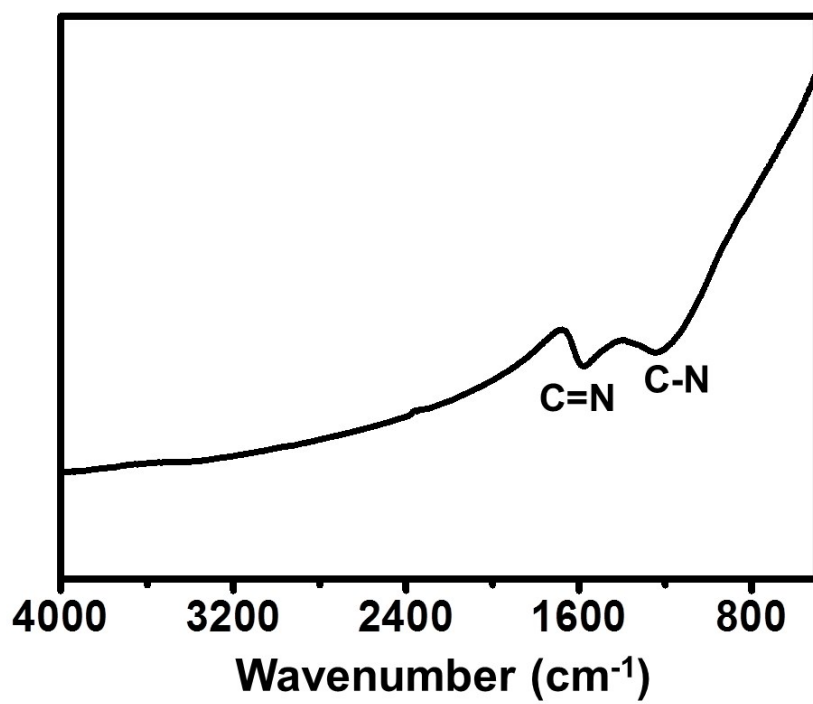


Fig. S1 FT-IR spectrum of NPCSS.

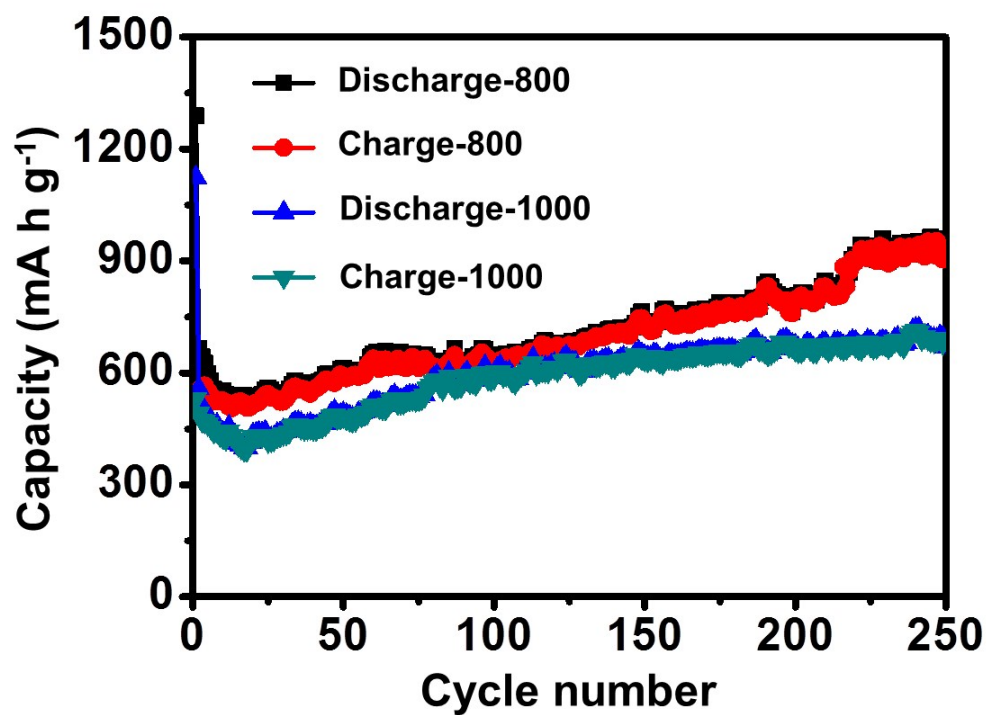


Fig. S2 Cycling performances of NPCSs annealed at 800 °C and 1000 °C as anode materials for LIBs at 0.5 C.

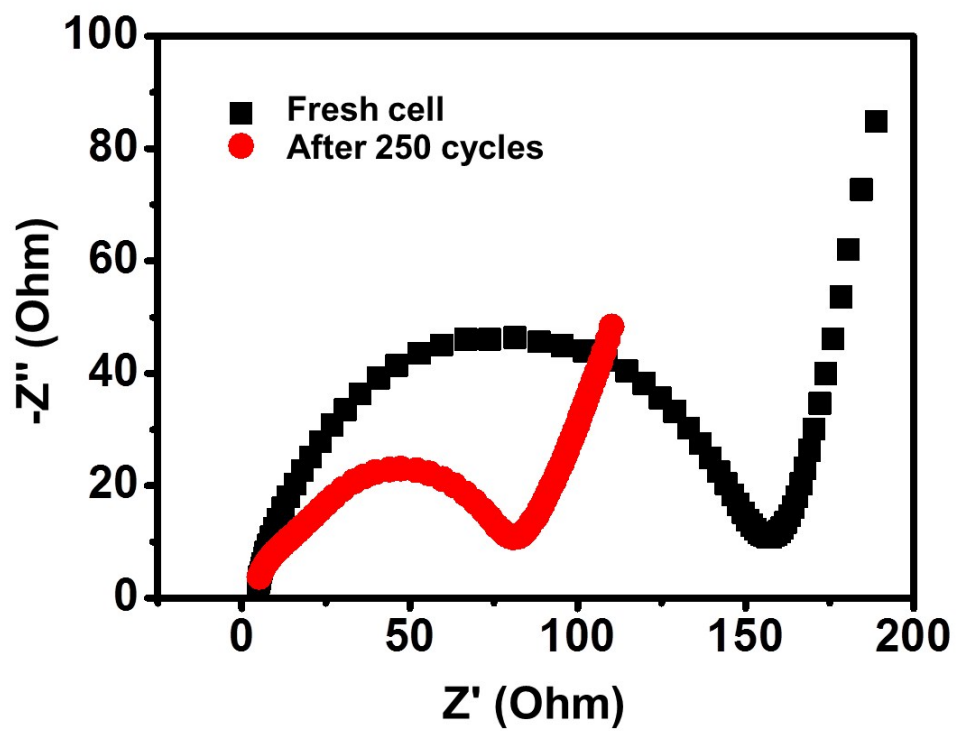


Fig. S3 Nyquist plots of half-cell based on PCSs before and after 250 cycles at 0.5 C.