

Supplementary Materials

# Carbon Supported Multi-Branch Nitrogen-Containing Polymers as Oxygen Reduction Catalysts

Ya Chu <sup>1</sup>, Lin Gu <sup>1</sup>, Xiuping Ju <sup>2</sup>, Hongmei Du <sup>1</sup>, Jinsheng Zhao <sup>1,\*</sup> and Konggang Qu <sup>1,\*</sup>

<sup>1</sup> Shandong Key Laboratory of Chemical Energy Storage and Novel Cell Technology, Liaocheng University, Liaocheng 252059, China; chuyaya19950621@126.com (Y.C.); gulin124578@126.com (L.G.); duhongmei@lcu.edu.cn (H.D.)

<sup>2</sup> Dongchang College, Liaocheng University, Liaocheng 252059, China; jxp1127@163.com

\* Correspondence: j.s.zhao@163.com (J.Z.); kgqu1985@gmail.com (K.Q.); Tel.: +86-635-853-9607 (J.Z.); Tel.: +86-635-823-9077 (K.Q.)

Received: 13 May 2018; Accepted: 8 June 2018; Published: 12 June 2018

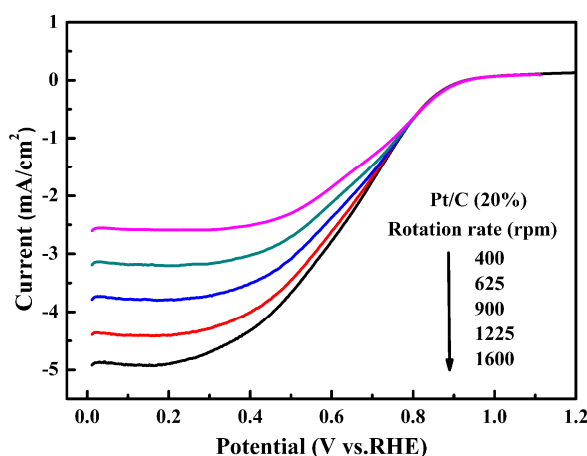


Figure S1. LSV of Pt/C (20%) at different rotating speed in oxygen saturated electrolyte.

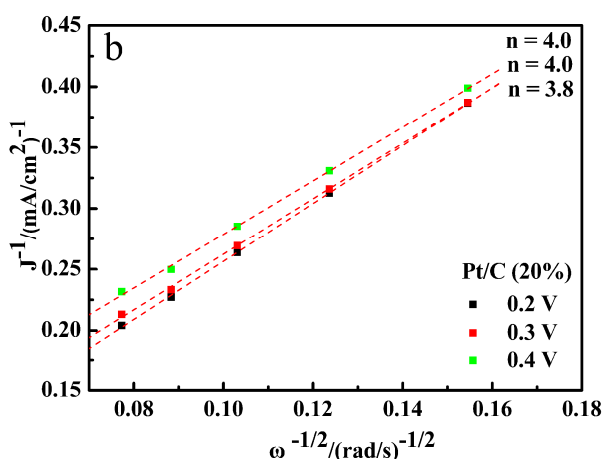


Figure S2. K-L plots of Pt/C at the potential of 0.2V, 0.3 V and 0.4 V