

Electronic Supplementary Information for

Preparation and electrochemical characteristics of electrospun water-soluble resorcinol/phenol-formaldehyde resin-based carbon nanofibers

Xiaodong Tian,^{a,b} Ning Zhao,^a Kai Wang,^{a,b} Defang Xu,^{a,b} Yan Song,^{*a} Quanguo Guo,^a and Lang Liu^a

^a Key Laboratory of Carbon Materials, Institute of Coal Chemistry, Chinese Academy of Sciences, Taiyuan 030001, China

^b University of Chinese Academy of Sciences, Beijing 100049, China

Corresponding author:

Name: Yan Song

Key Laboratory of Carbon Materials, Institute of Coal Chemistry, Chinese Academy of Sciences, Taiyuan 030001, China

Tel: +863512021135; Fax: +862021135

E-mail: yansong1026@126.com

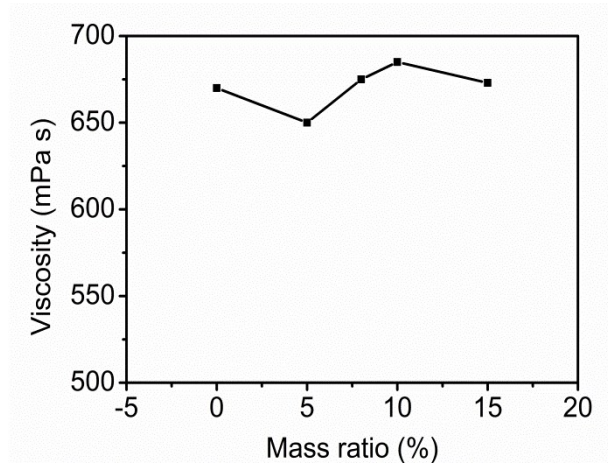


Fig. S1 The viscosity changes of the spinning solution with different KOH content.

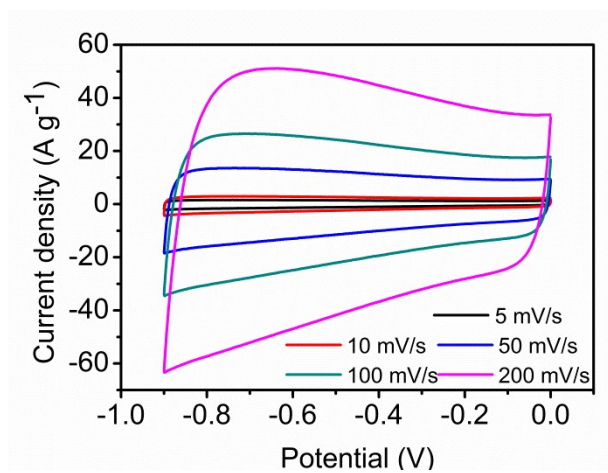


Fig. S2 CV curves of PCNF-K-15 electrode at different scan rates.

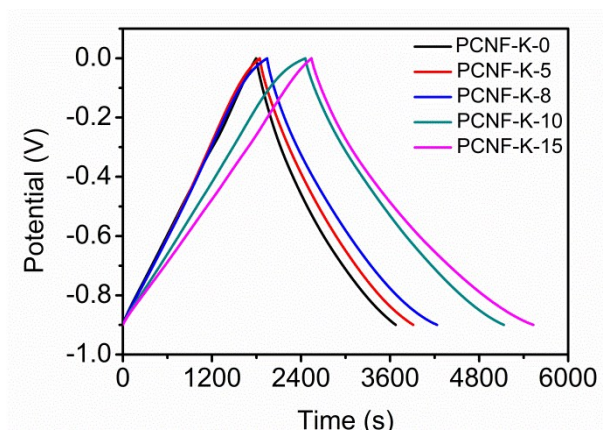


Fig. S3 GCD curves of the obtained samples at current density 0.1 A g^{-1} .

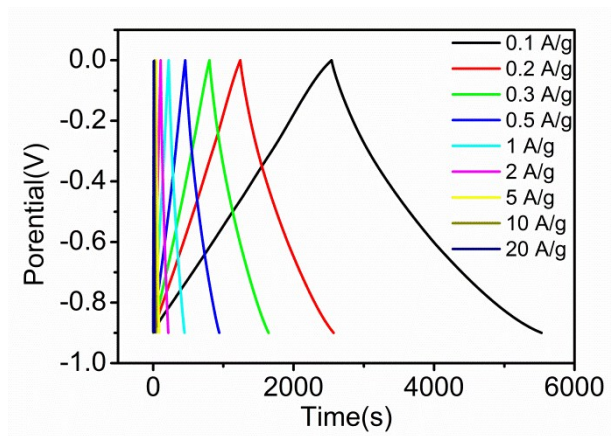


Fig. S4 GCD curves of PCNF-K-15 electrode at different current densities.