

Supplementary Information for

High Performance Solid-state Supercapacitors Fabricated by Pencil Drawing and Polypyrrole Depositing on Paper Substrate

Jiayou Tao^{1,2,†}, Wenzhen Ma^{1,†}, Nishuang Liu¹, Xiaoliang Ren¹, Yuling Shi¹, Jun Su¹,
Yihua Gao^{1,*}

¹Center for Nanoscale Characterization & Devices (CNCD), Wuhan National Laboratory for Optoelectronics (WNLO) & School of Physics, Huazhong University of Science and Technology, Wuhan 430074, People's Republic of China

²School of Physics and Electronics, Hunan Institute of Science and Technology, Yueyang 414006, People's Republic of China

[†]The authors contributed equally to this work.

*Corresponding author. E-mail: gaoyihua@hust.edu.cn

Figure Captions

Fig. S1 SEM images of PPy surface

Fig. S2 CV curves of G-paper electrodes at a scan rate of 0.5, 0.8, and 1 v s⁻¹, respectively

Fig. S3 CV curves of PPy-G-paper electrodes at a scan rate of 8 mv s⁻¹

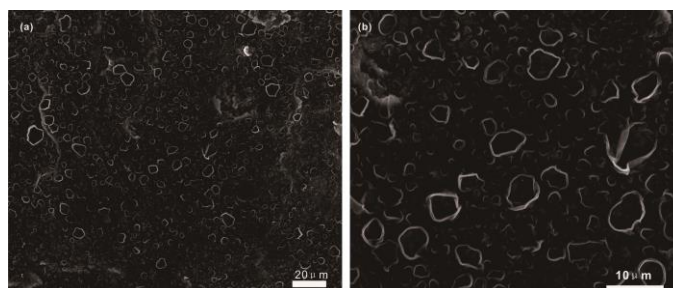


Fig. S1

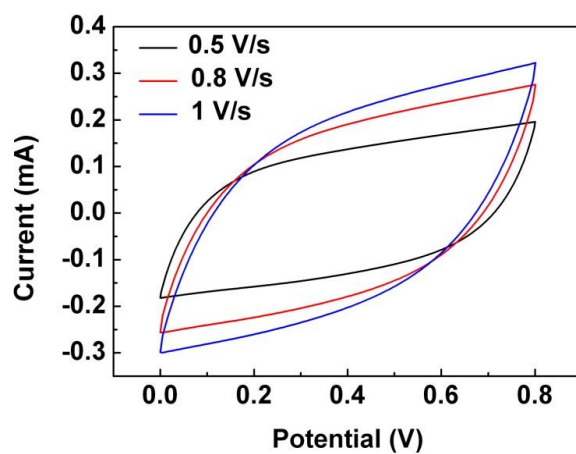


Fig. S2

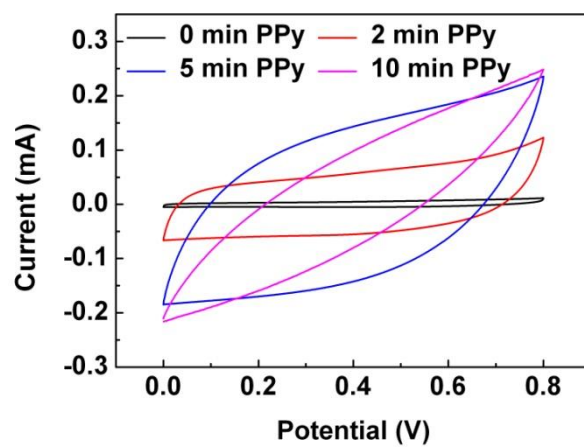


Fig. S3