

## Supporting Information

### Electrochemical fabrication of carbon nanotube/polyaniline hydrogel film for all-solid-state flexible supercapacitor with high areal capacitance

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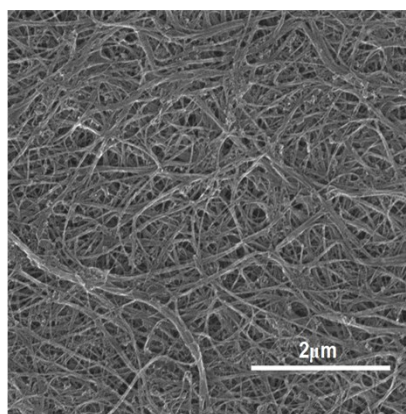


Figure S1 SEM of pristine CNTs film fabricated by FCCVD method

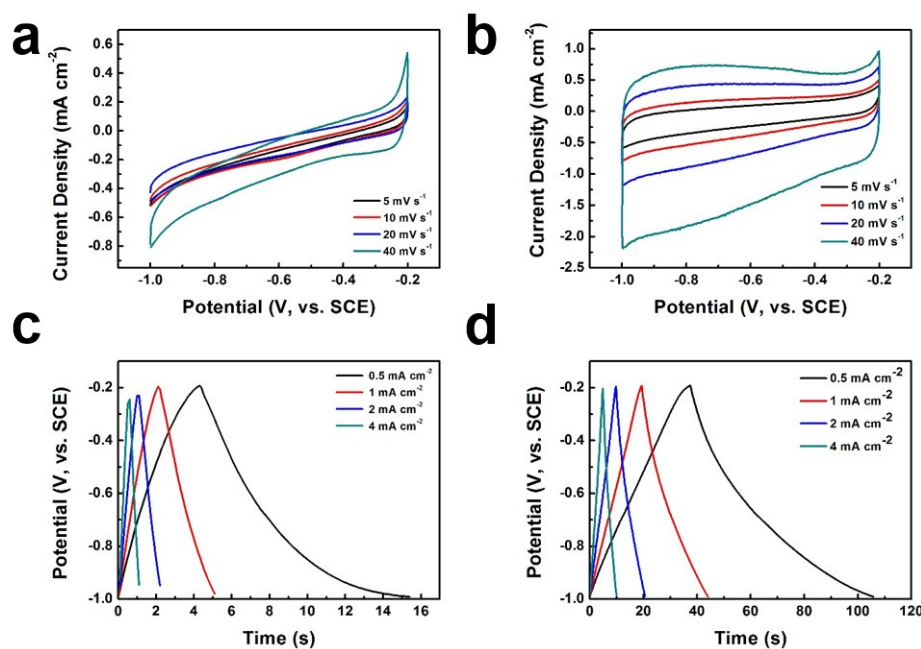
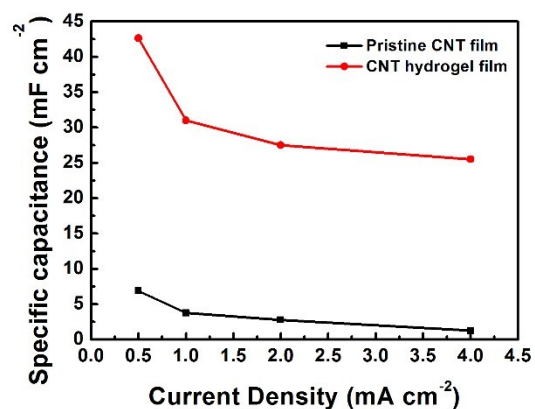
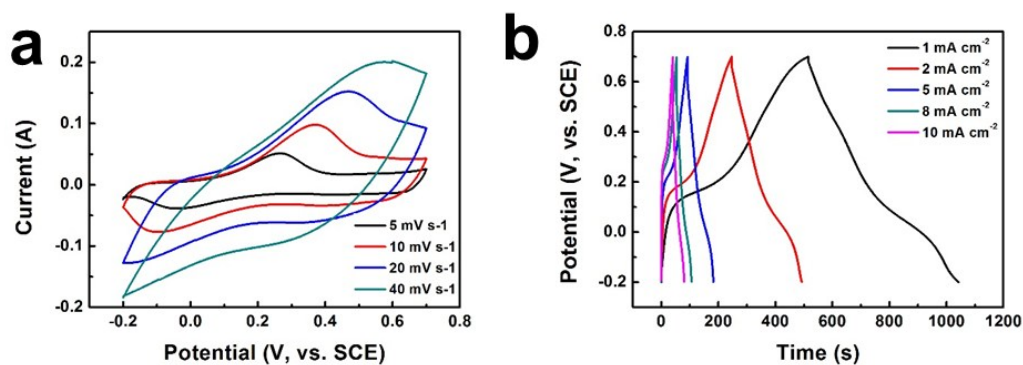


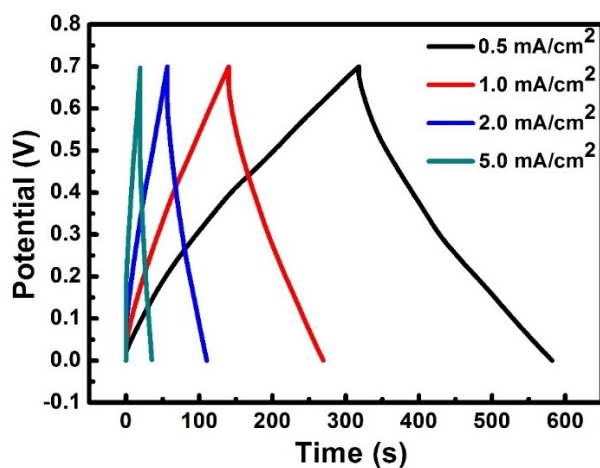
Figure S2 (a) CV curves of CNT film; (b) CV curves of CNT hydrogel film; (c) charge-discharge curves of CNT film; (d) charge-discharge curves of CNT hydrogel film



**Figure S3** Rate performance of pristine CNT film and CNT hydrogel film



**Figure S4** (a) CV curves of CNT/PANI film; (b) Charge-discharge curves of CNT/PANI film



**Figure S5** Charge-discharge curves of all-solid-state flexible supercapacitor based on CNT/PANI hydrogel film