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## **Electronic Supplementary Information**

## Facile fabrication of nickel hydroxide@carbon nanotubes composite for enhanced supercapacitance performance

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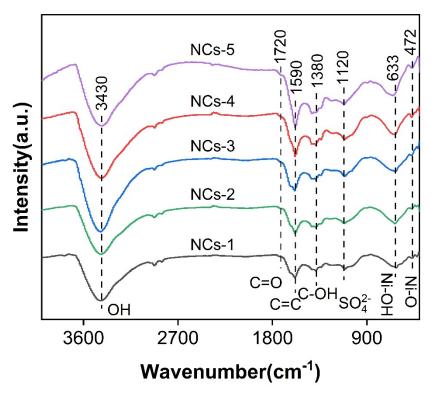
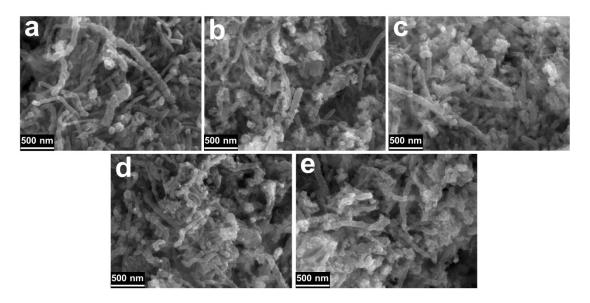


Fig. S1 Infrared spectra of NCs composites synthesized at different reaction time.



**Fig. S2** SEM images of NCs composites synthesized during different reaction times: (a)1 h; (b)2 h; (c)3 h; (d)4 h and (e)5h.

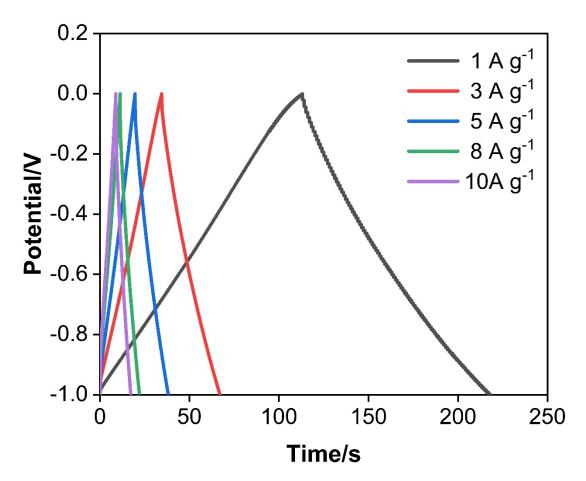


Fig. S3 GCD curves of active carbon.

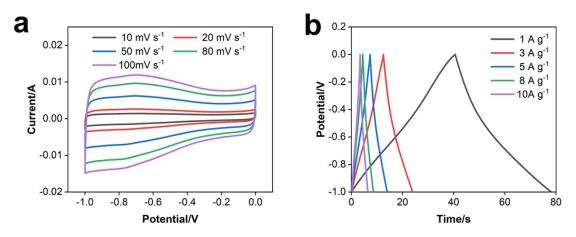


Fig. S4 (a) CV curves of CNTs; (b) GCD curves of CNTs.

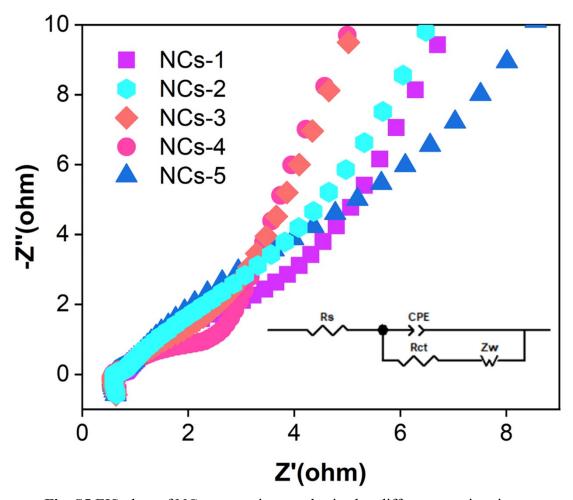


Fig. S5 EIS plots of NCs composites synthesized at different reaction times.