## **Supplementary Information**

## Rational design of sandwich-like exfoliated nickel hydroxide-carbon nanotubes as a novel electrode for supercapacitors

Yang He <sup>a</sup> Huimin Zhu <sup>a</sup>, Qi Liu <sup>\*a,</sup> Jingyuan Liu <sup>a</sup>, Hongsen Zhang <sup>a</sup>, Rumin Li <sup>a</sup>, Zhanshuang Li <sup>a</sup>, and Jun Wang <sup>\*b</sup>

<sup>a</sup>Key Laboratory of Superlight Material and Surface Technology, Ministry of Education, Harbin

Engineering University, 150001, P. R. China.

<sup>b</sup>Institute of Advanced Marine Materials, Harbin Engineering University, 150001, P. R. China

E-mail:zhqw1888@sohu.com Fax: +86 0451 8251 9303; Tel: +86 0451 8251 9303

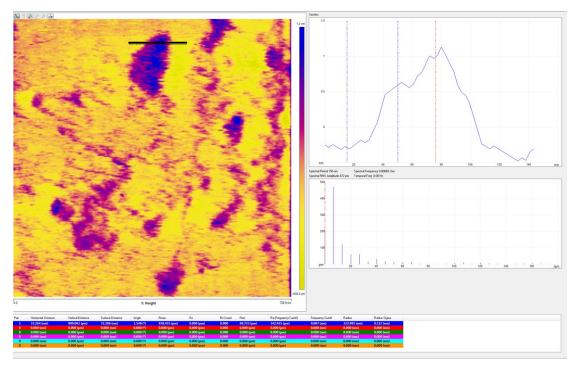


Fig.S1 AFM image of exfoliated Ni(OH)<sub>2</sub> nanosheets on a mica surface with the height profile

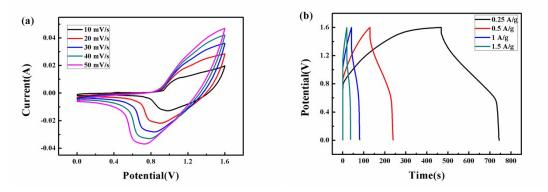


Fig.S2 (a) the cyclic voltametry and (b)charge-discharge for 2 electrode supercapacitor

measurements