

Electronic Supplementary Information

Direct growth of Ni-Mn-O nanosheets on flexible electrospun carbon nanofibers for high performance supercapacitor applications

Di Tian^a, Xiaofeng Lu^{a*}, Guangdi Nie^b, Mu Gao^a, Ce Wang^{a*}

^aAlan G. MacDiarmid Institute, College of Chemistry, Jilin University, Changchun, 130012, P. R. China.

^bIndustrial Research Institute of Nonwovens & Technical Textiles, College of Textiles and Clothing, Qingdao University, Qingdao 266071, P. R. China.

**Corresponding authors:*

E-mail: xflu@jlu.edu.cn; cwang@jlu.edu.cn

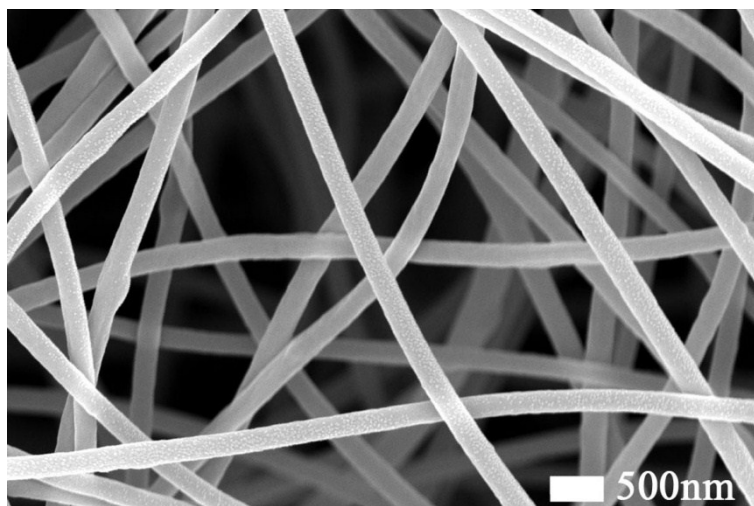


Fig. S1 SEM image of ECNFs.

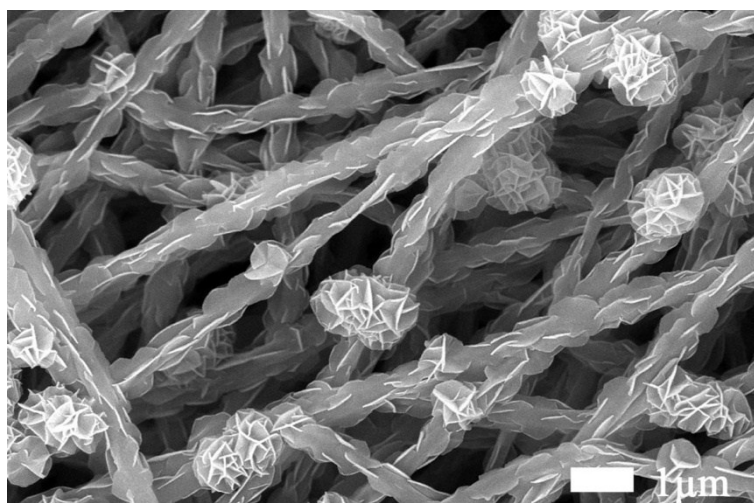


Fig. S2 SEM image of ECNFs@Ni-Mn hydroxide nanosheets.

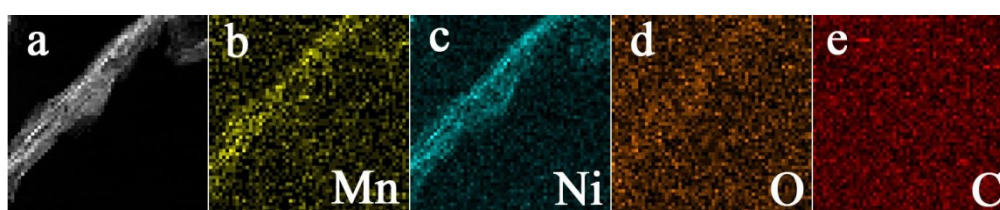


Fig. S3 (a) STEM image and (b-e) EDX mappings of Mn, Ni, O and C elements of RECNFs@NiMnO-1.

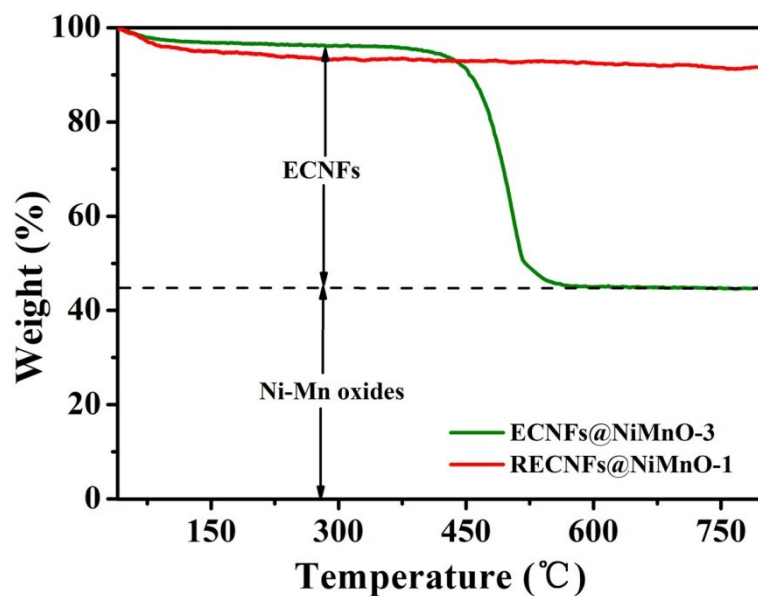


Fig. S4 TGA curves of RECNFs@NiMnO-1 and ECNFs@NiMnO-3.

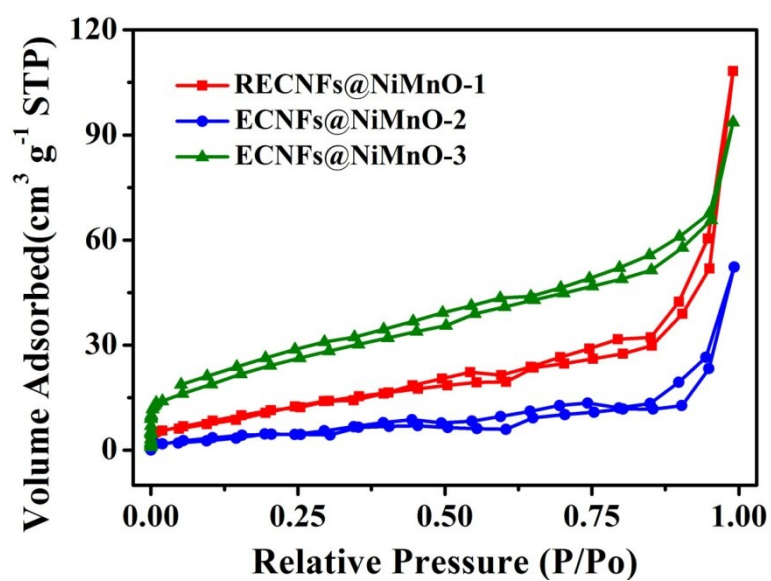


Fig. S5 N₂ adsorption/desorption isotherms of RECNFs@NiMnO-1, ECNFs@NiMnO-2 and ECNFs@NiMnO-3.