Electronic Supplementary Material (ESI) for Journal of Materials Chemistry A.

Supporting Information

Metal-Organic-Framework-Derived ZnO@C@$NiCo_2O_4$ Core-Shell Structures as an Advanced Electrode for High-performance Supercapacitors

Figure S1

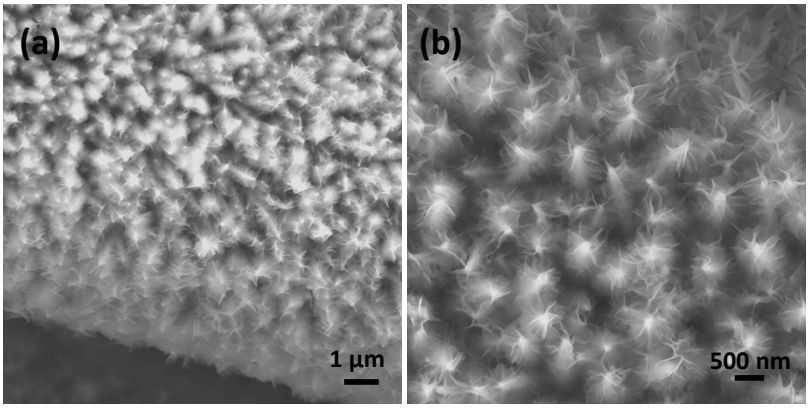

Figure S1. (a,b) Low and high magnifications of ZnO@$NiCo_2O_4$ core-shell NRSAs grown on flexible cloth

Figure S2

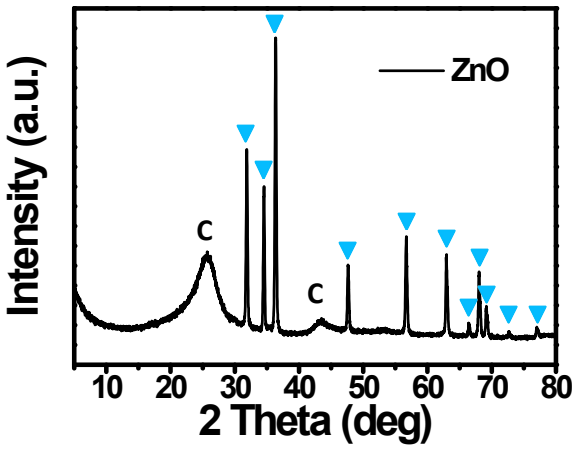

Figure S2. XRD patterns of ZnO NRs

Figure S3

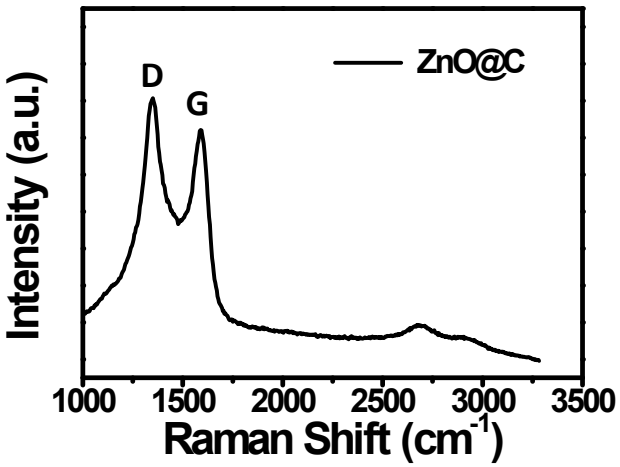

Figure S3. Raman spectrum of ZnO@C nanorods

Figure S4

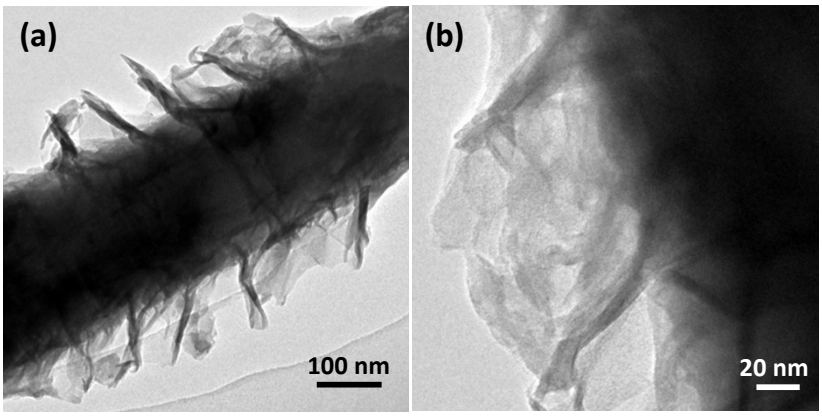

Figure S4. (a,b) Low and high TEM images of ZnO@$NiCo_2O_4$ core-shell NRSAs

Figure S5

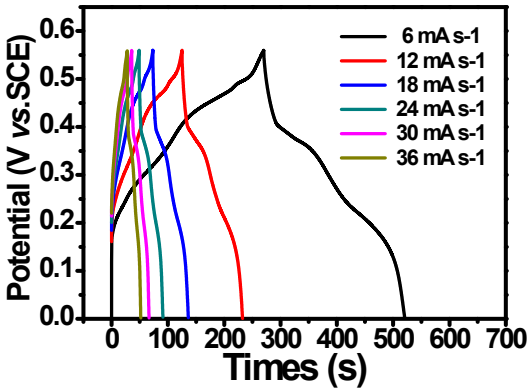

Figure S5. Galvanostatic charge-discharge curves of the ZnO@$NiCo_2O_4$ NRSAs at different discharge current densities

Figure S6

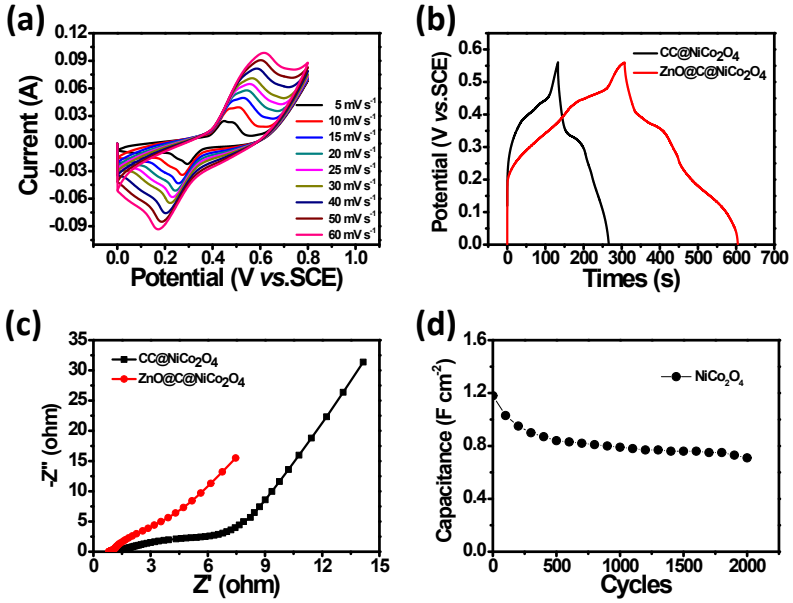

Figure S6. Electrochemical properties of the $NiCo_2O_4$ nanosheets on flexible carbon cloth (CC). (a) The CV curves of the $NiCo_2O_4$ nanosheets at different scan rates. (b) Comparison the charge-discharge curves at the same scan rate of 6 mA s^{-1}. (c) Comparison the impedance Nyquist plots at open circuit potential. (d) The cycling performance of $NiCo_2O_4$ nanosheets at the current density of 10 mA cm^{-2}.