Supporting Information for

Graphitic Carbon Quantum Dots Modified Nickel Cobalt Sulfide as Cathode Materials for Alkaline Aqueous Batteries

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Supplementary Figures

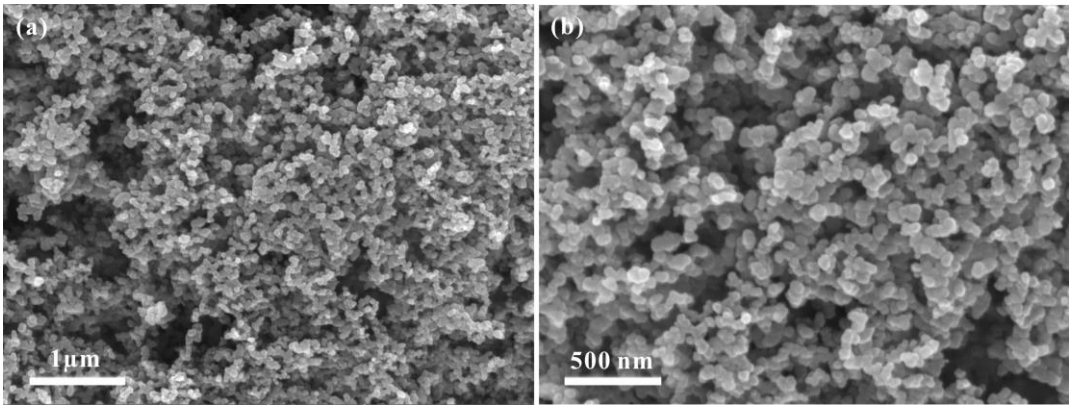

Fig. S1 FESEM images of Super P powders with different magnification

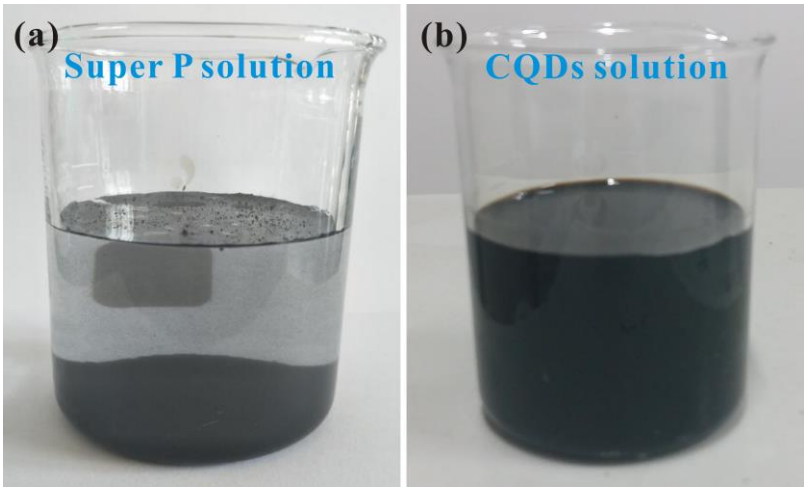

Fig. S2 Digital photographs of **a** Super P powders in H_2SO_4/HNO_3 aqueous solution, and **b** CQDs aqueous solution

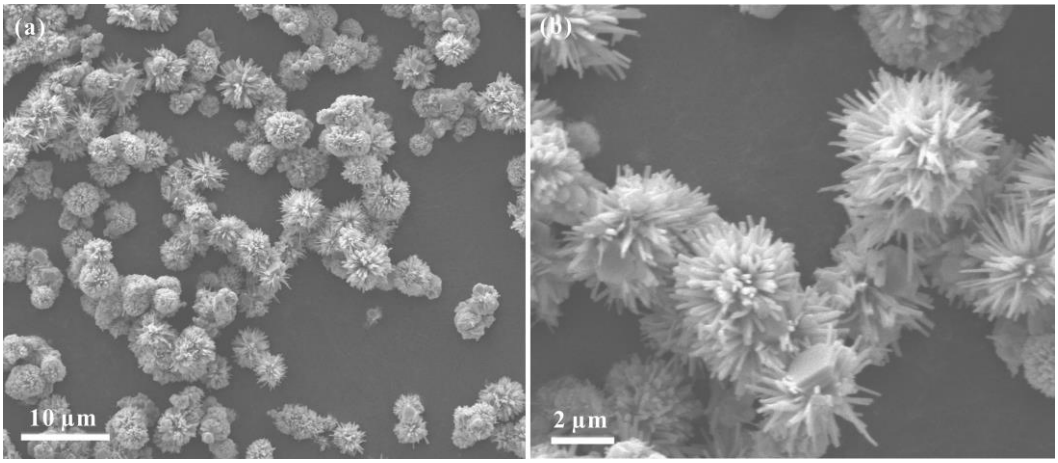

Fig. S3 FESEM images of the pristine $NiCo_2S_4$ with different magnification

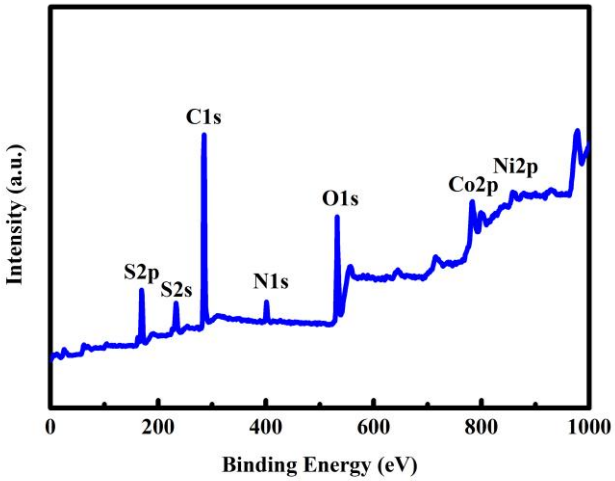

Fig. S4 XPS survey spectrum of the N,S-CQDs/$NiCo_2S_4$ composite

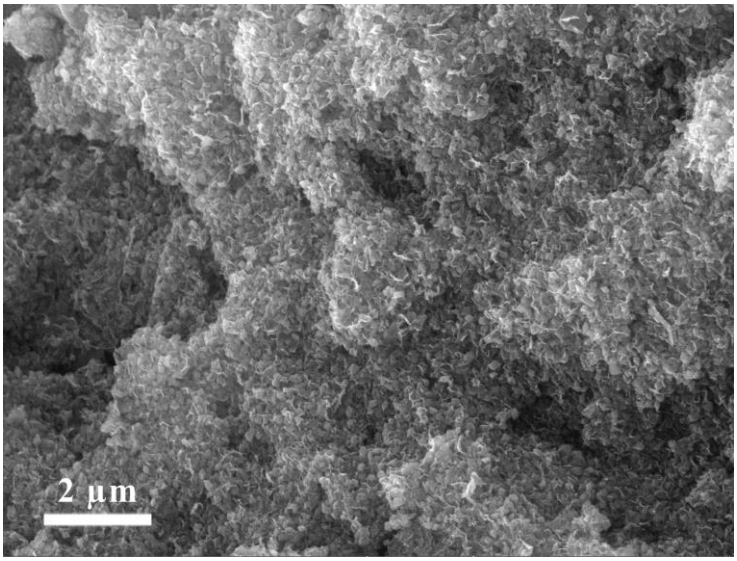

Fig. S5 FESEM image of the N-rGO/Fe_2O_3 composite

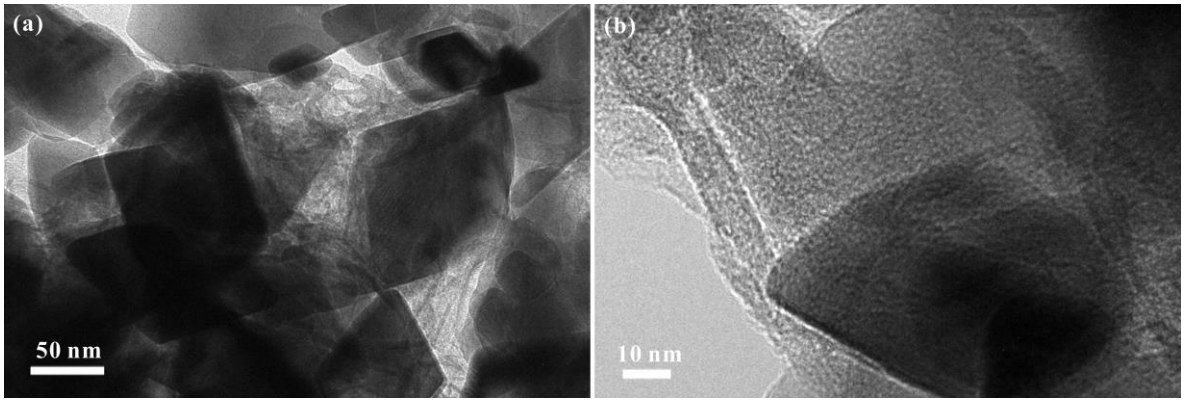

Fig. S6 TEM images of the N-rGO/Fe_2O_3 composite with different magnification

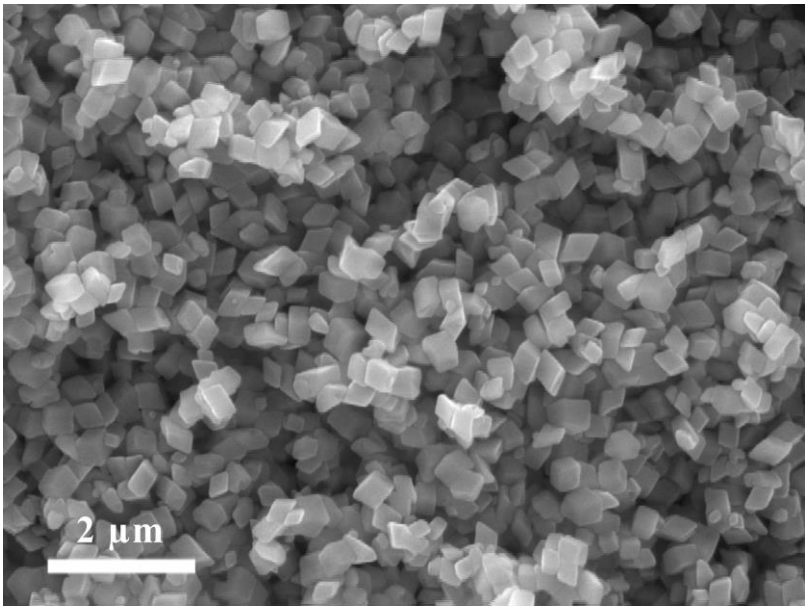

Fig. S7 FESEM image of the pristine Fe_2O_3

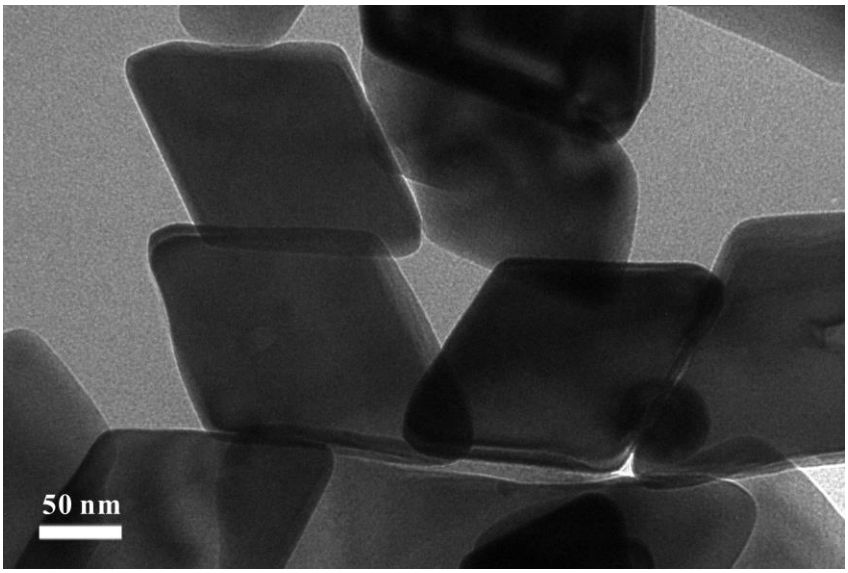

Fig. S8 TEM image of the pristine Fe_2O_3

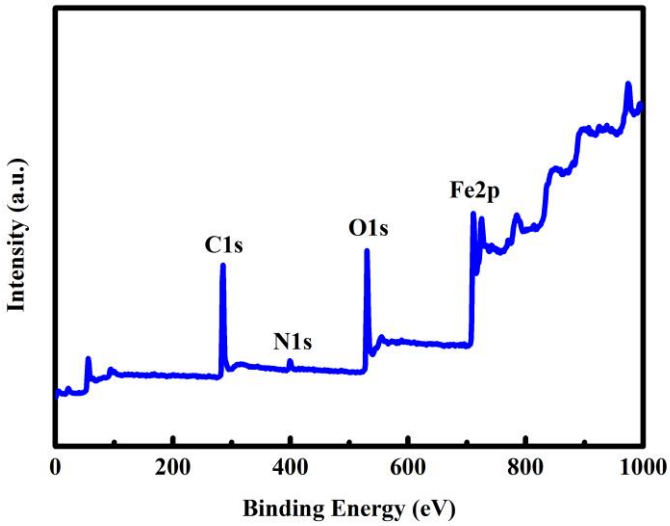

Fig. S9 XPS survey spectrum of the N-rGO/Fe_2O_3 composite