Supporting information

One-step synthesis of cobalt and nitrogen co-doped carbon nanotubes

and their catalysis for oxygen reduction reaction

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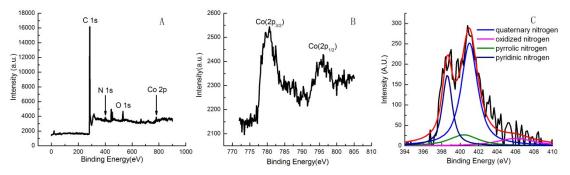


Fig. S1 XPS (A), Co 2p (B) and N 1s (C) spectra of Co-N-CNTs-2.

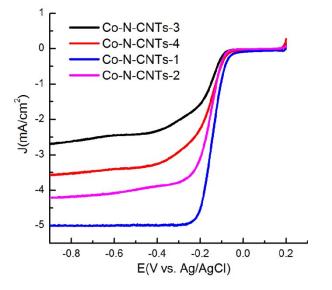


Fig. S2 LSV curves of Co-N-CNTs-1 (22:1), Co-N-CNTs-2 (44:1), Co-N-CNTs-3 (5:1), and Co-N-CNTs-4 (11:1) with a scan rate of 10 mV/s at a rotation rate of 1600 rpm.

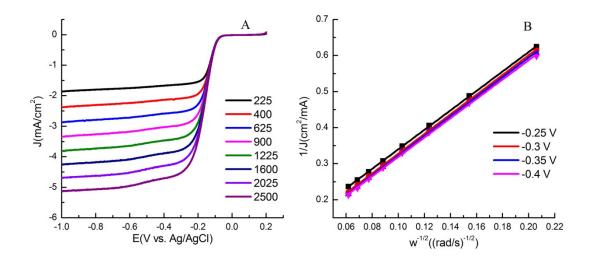


Fig. S3 (A) LSV curves of Co-N-CNTs-2 at different rotation rate. (B) Koutecky-Levich (K-L) plots of Co-N-CNTs-2 at different potentials.