Self-deposition of Pt nanocrystals on Mn₃O₄ coated carbon nanotubes for enhanced oxygen reduction electrocatalysis

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Figure S1. XRD pattern of pure carbon nanotubes.
**Figure S2.** Energy dispersed spectrum (EDS) of Mn$_3$O$_4$/CNTs, taken on catalysts dispersed on TEM grid.

![Energy dispersed spectrum (EDS) of Mn$_3$O$_4$/CNTs](image1)

**Figure S3.** Energy dispersed spectrum (EDS) of Pt/Mn$_3$O$_4$/CNTs, taken on catalysts dispersed on Si. Si signal is from Si substrate for SEM.

![Energy dispersed spectrum (EDS) of Pt/Mn$_3$O$_4$/CNTs](image2)

**Figure S4.** The size distribution histogram of Pt nanocrystals in Pt/Mn$_3$O$_4$/CNTs.

![Size distribution histogram of Pt nanocrystals in Pt/Mn$_3$O$_4$/CNTs](image3)