

## Supporting Information

### Preparation of Pt hollow nanotubes with adjustable diameters for methanol electrooxidation

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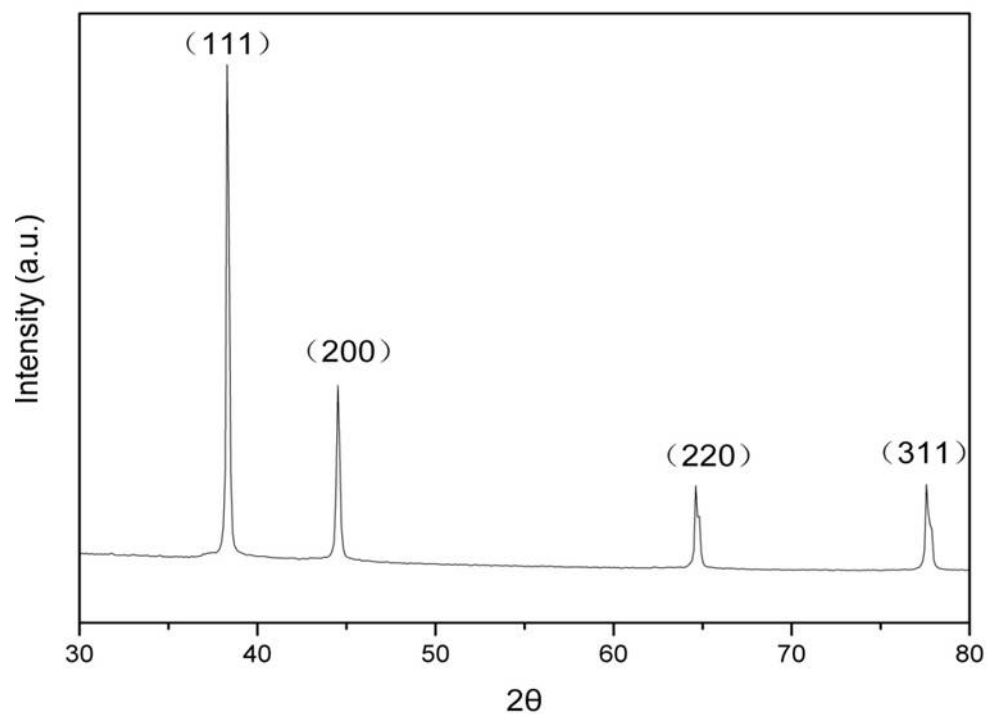
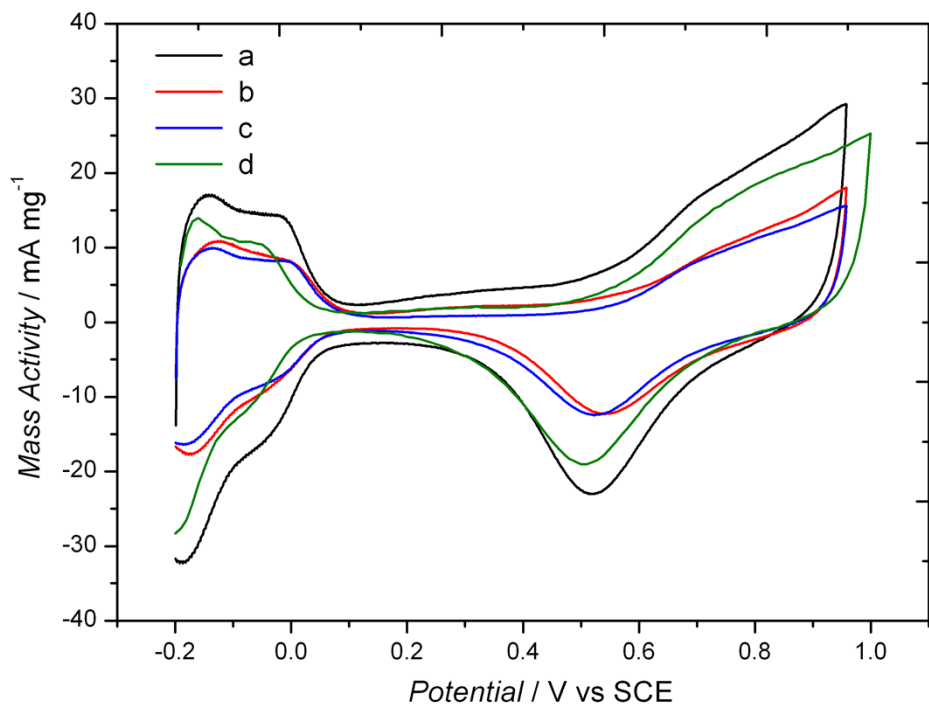


Fig. S1 XRD pattern of Ag nanowires with diameter of  $90 \pm 5$  nm.



**Fig. S2** Cyclic voltammograms of (a) Pt-100, (b) Pt-350, (c) Pt-560, (d) Pt black catalysts in 0.5 M H<sub>2</sub>SO<sub>4</sub> supporting electrolyte.

sample	Pt -100	Pt -350	Pt -560	Pt black
ECSA (cm <sup>2</sup> mg <sup>-1</sup> )	389.2	225	205.8	287.1
peak potential (mV)	516.9	575.0	575.2	507.7

**Table 1** Electrochemical surface area estimation from CO Stripping experiment and peak potential for CO stripping for the different catalysts

sample	Pt -100	Pt -350	Pt -560	Pt black
Mass Activity (mA mg <sup>-1</sup> )	403.0	219.5	199.6	250
peak potential (mV)	642.5	655.4	646.2	632.7

**Table 2** Mass activity and corresponding peak potential of for the different catalysts