

## Supplementary Information

### Synthesis of hollow PtAg alloy nanospheres with excellent electrocatalytic performances towards methanol and formic acid oxidations

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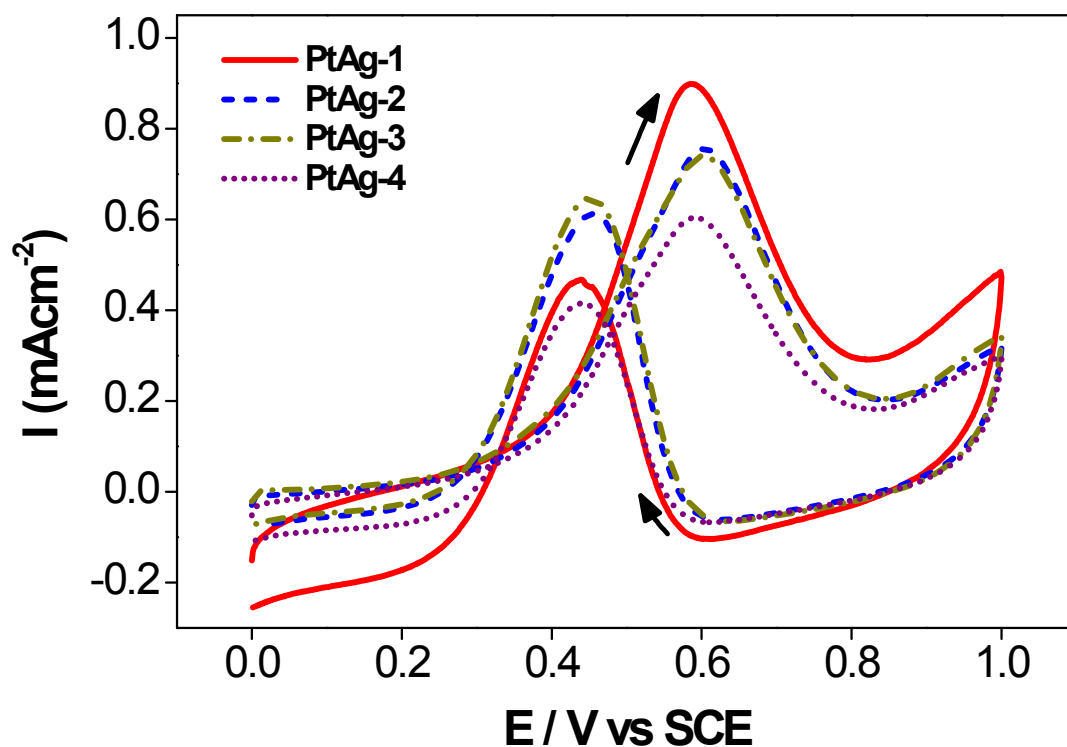
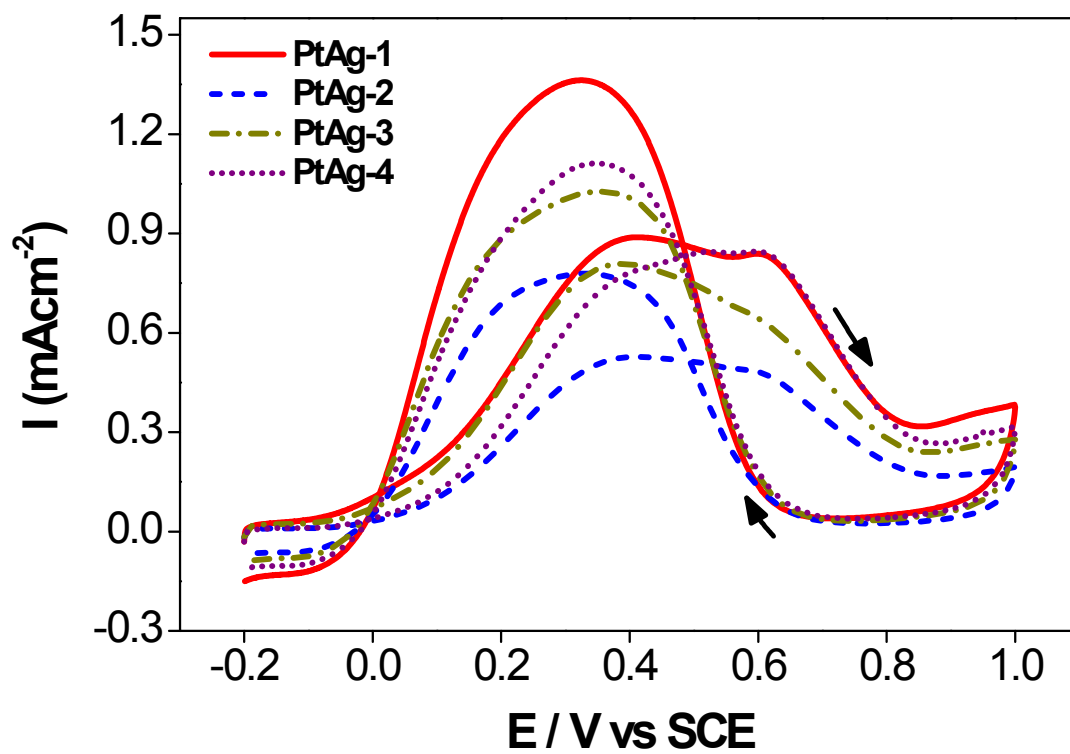


Fig. S1 CVs of PtAg alloys in 0.1M methanol + 0.1M H<sub>2</sub>SO<sub>4</sub> with a scan rate of 50mVs<sup>-1</sup>.



**Fig. S2** CVs of PtAg alloys in 0.05M HCOOH + 0.1M H<sub>2</sub>SO<sub>4</sub> solutions with a scan rate of 50mVs<sup>-1</sup>.