Facile synthesis of gold–platinum dendritic nanostructure with enhanced electrocatalytic performance for methanol oxidation reaction

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Fig. S1 TEM images of (a) AuPt-1 and (b) AuPt-3 samples.

Fig. S2 UV-visible absorption spectra of HAuCl$_4$ solution and the Au seed contained light pink solution obtained by adding sodium citrate into HAuCl$_4$ solution. Inset shows a photograph of the light pink solution.
**Fig. S3** TEM image of the Au–Pt sample obtained without sodium citrate.

**Fig. S4** TEM image of pure Pt nanoparticles.