

Electronic Supplementary Material (ESI) for Analyst.
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Electrochemical oxidation of As(III) on Pd immobilized Pt surface: Kinetics and sensing performance

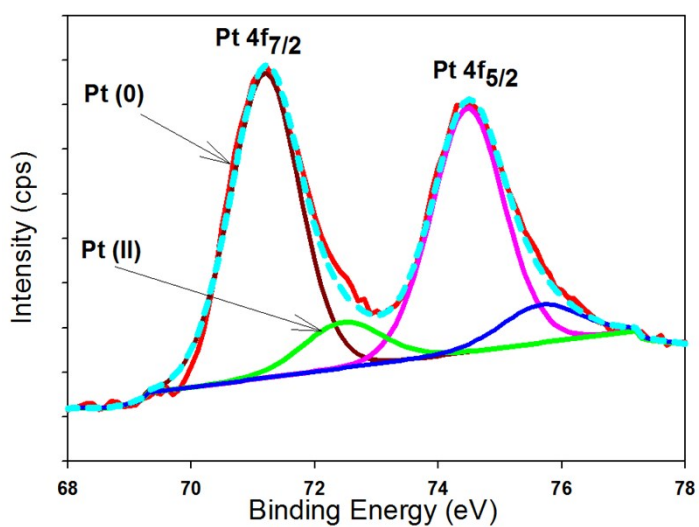


Fig.S1. XPS fine scan spectra of Pt particle (before Pd deposition)

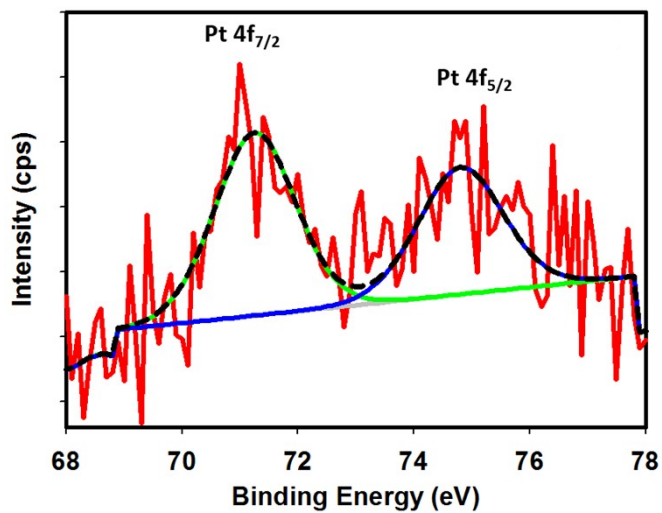


Fig.S2. XPS fine scan spectra of Pt particle (after Pd deposition as adlayers).

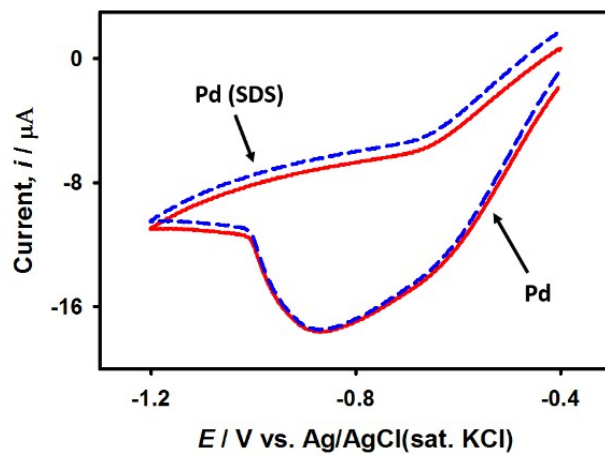


Fig.S3. Electrochemical deposition of Pd on Pt in presence (dotted line) and absence (solid line) of SDS molecules in 0.01 M $\text{Pd}(\text{NO}_3)_2$, scan rate at 100 mV s^{-1} .

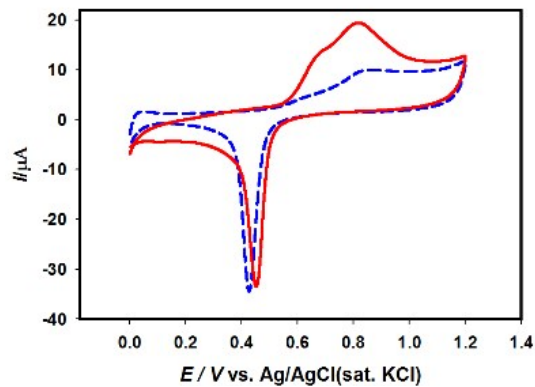


Fig. S4. CVs of Pd in 0.1 M H_2SO_4 (50.0 mVs^{-1}). (Dotted line blank and Solid line 0.25 mM NaAsO_2). Electrode diameter: 3.0 mm in diameter.