Support Materials

Effect of AST Atmosphere on Pt/C Electrocatalyst Degradation

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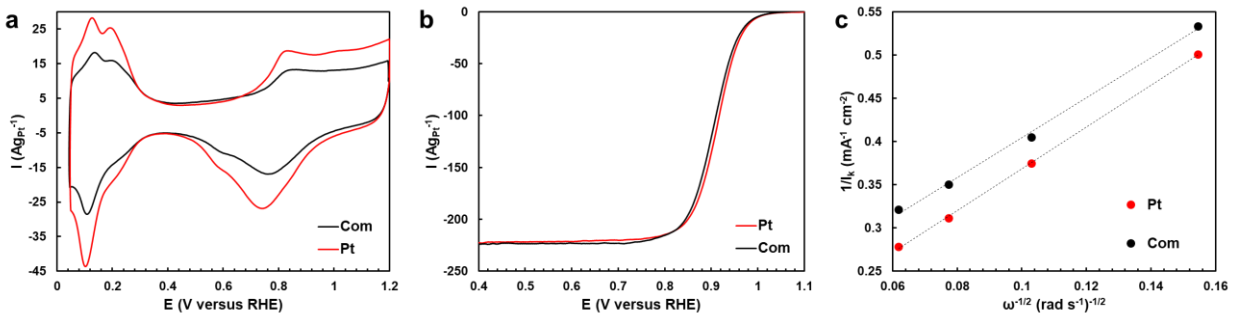

Figure S1. The cyclic voltammograms (a) of the Pt (red color) and Com (black color) samples. The potential sweep rate is 20 mV s^{-1}. The second cycle. The electrolyte is the 0.1 M $HClO_4$ solution saturated with Ar at atmospheric pressure. The potentiodynamic polarization curves of the ORR (b) for the Pt (red color) and Com (black color) samples. The RDE rotation speed is 1,600 rpm. 0.1 M $HClO_4$. O_2 atmosphere. The dependence of $1/I_k$ on the RDE rotation speed in the Koutetsky–Levich coordinates (c) where I_k is the current on the disk electrode with the area of 0.19625 cm^2.