

SUPPORTING INFORMATION

Synthesis of Functionalized Carbon Supported Platinum –Iridium Nanoparticles Catalyst by Rapid Chemical Reduction Method for Anodic Reaction of Direct Methanol Fuel Cell

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FIGURES:

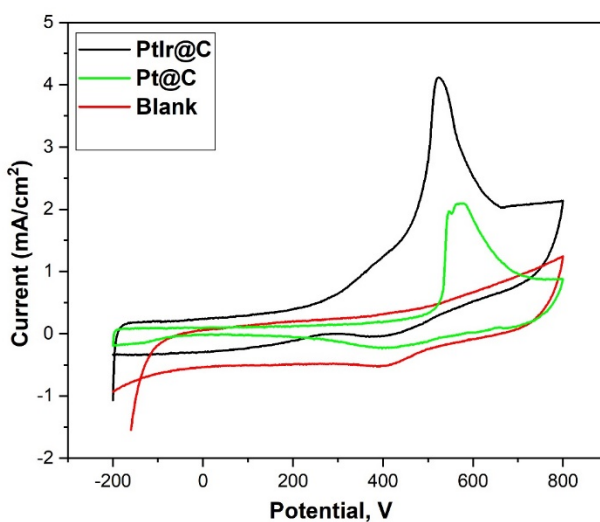


Figure S1. CO Stripping Voltammogram of PtIr@C and Pt@C Catalysts in 0.5 M H₂SO₄ at 25 mV s⁻¹

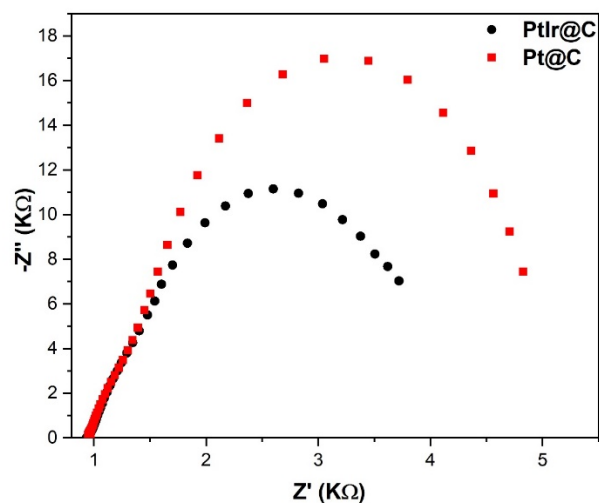


Figure S2. Nyquist Plot of PtIr@C and Pt@C in 1 M KOH Containing 1 M CH₃OH, Frequency Ranging from 10 kHz to 0.01 Hz

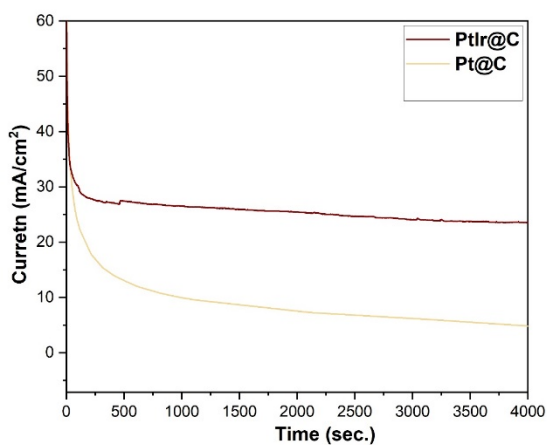


Figure S3. Chronoamperometry graph of PtIr@C and Pt@C during 4000 s.

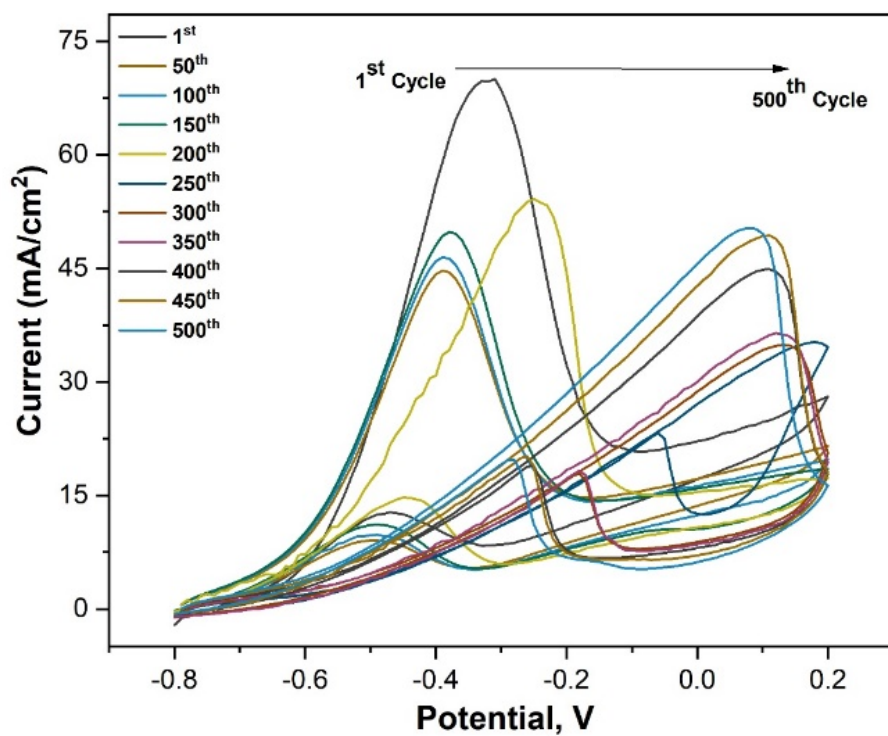


Figure S4. Multiple cycle durability test for PtIr@C and Pt@C in 1 M KOH containing 0.7 M CH₃OH