

Supporting Information

Platinum@Regular Indium Oxide Nanooctahedrons as Difunctional Counter Electrode for Dye-Sensitized Solar Cells †

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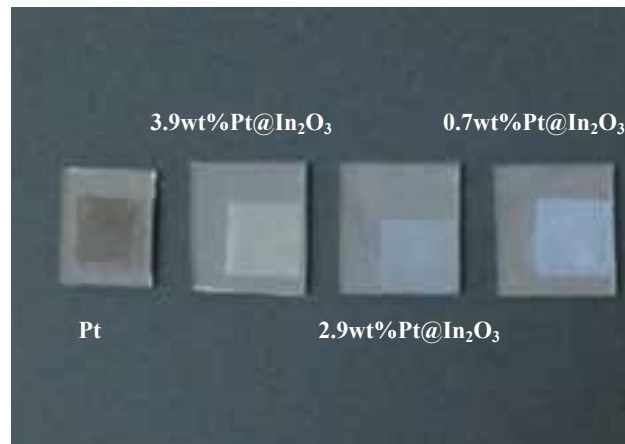


Fig. S1. Digital images of 3.9wt%Pt@In₂O₃, 2.9wt%Pt@In₂O₃, 0.7wt%Pt@In₂O₃, and commonly used Pt on FTO

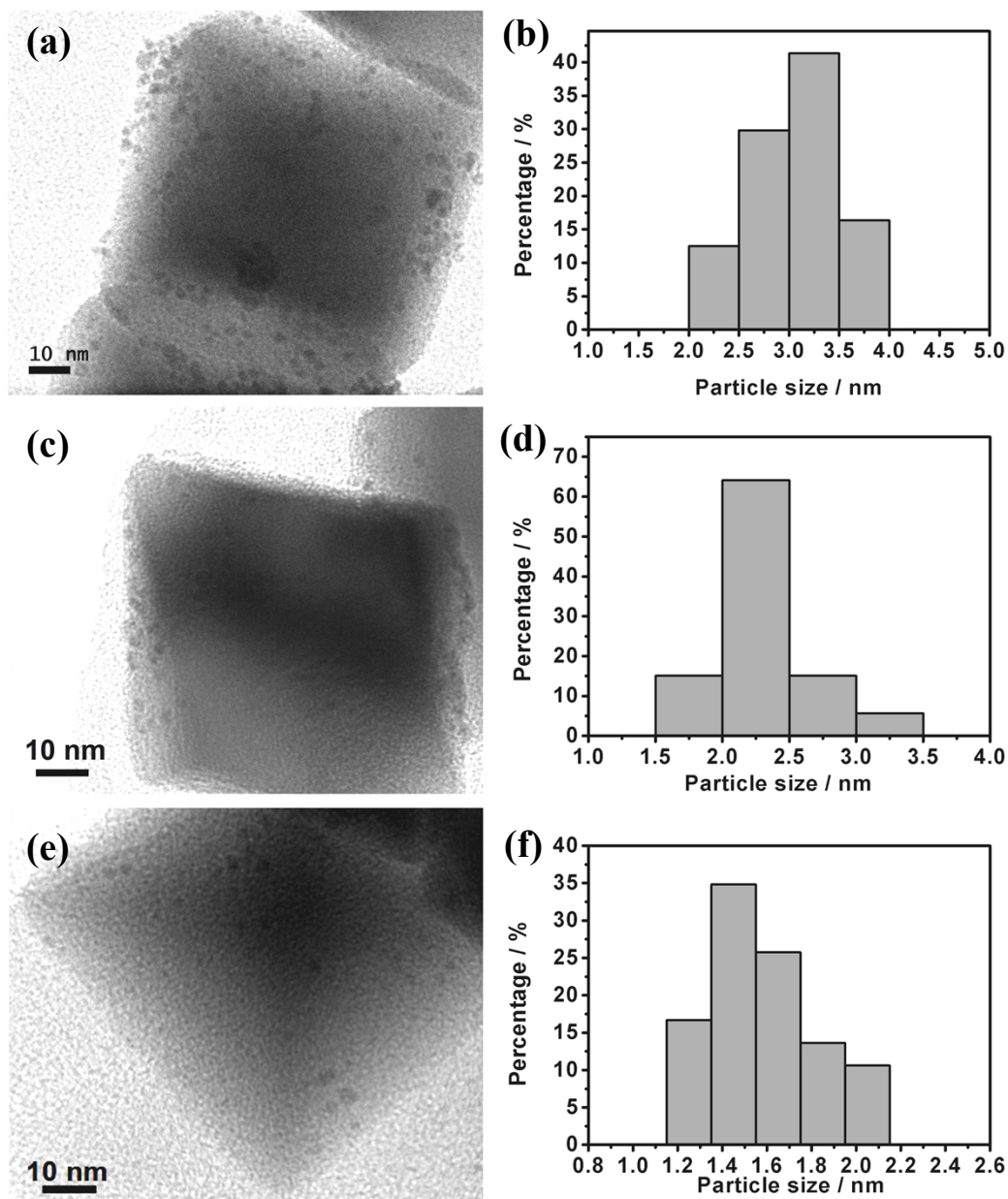


Fig. S2. TEM images and Histogram showing Pt nanoparticle size distributions of the synthesized 3.9wt%Pt@In₂O₃ (a, b), 2.9wt%Pt@In₂O₃ (c, d) and 0.7wt%Pt@In₂O₃ (e, f) samples, respectively.

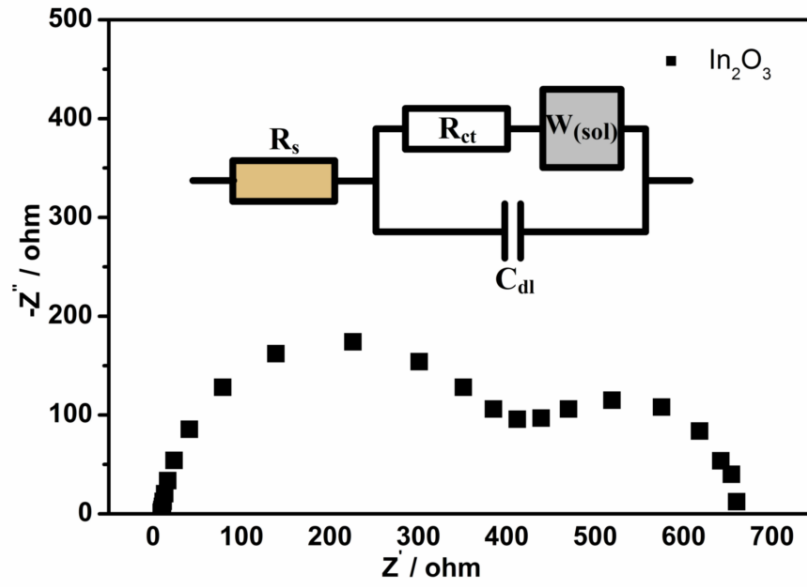


Fig. S3. Electrochemical impedance spectra of the symmetrical cells fabricated with two identical In_2O_3 nanooctahedrons electrodes, and the insert gives the equivalent circuit.