

Supplementary information

A counter electrode based on hollow spherical particles of polyaniline for a dye-sensitized solar cell

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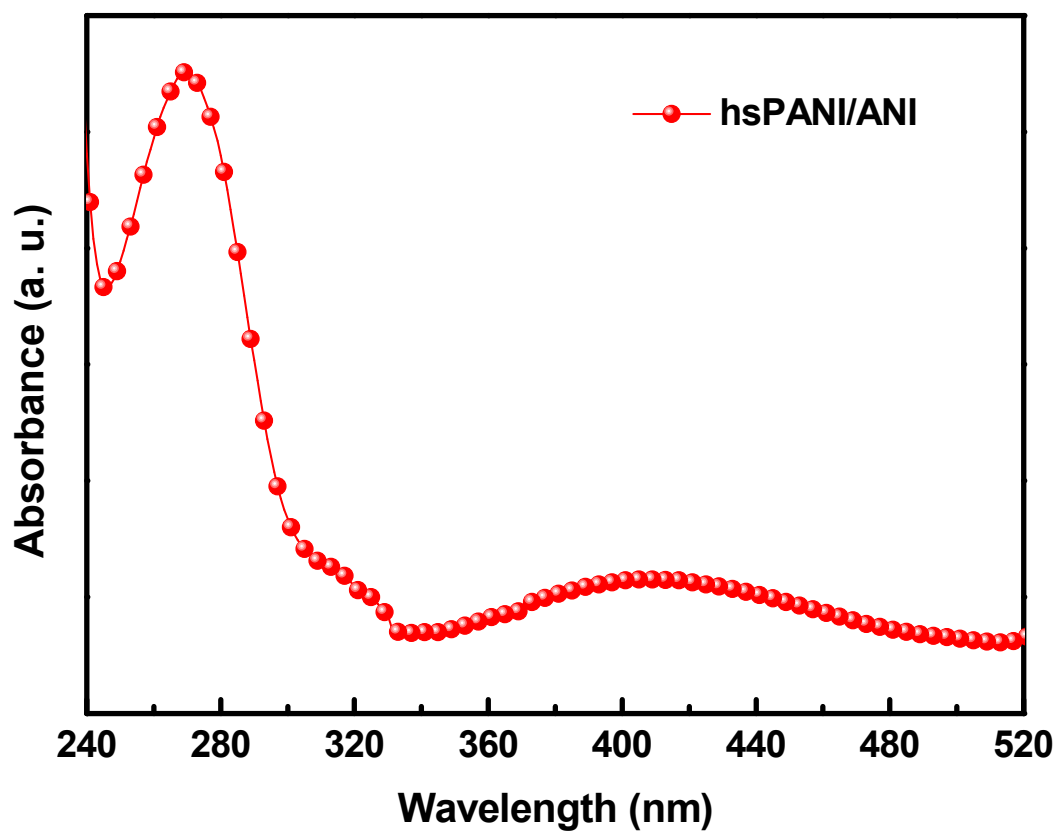


Fig. S1 UV/Vis absorption spectrum of hsPANI/ANI particles in water.

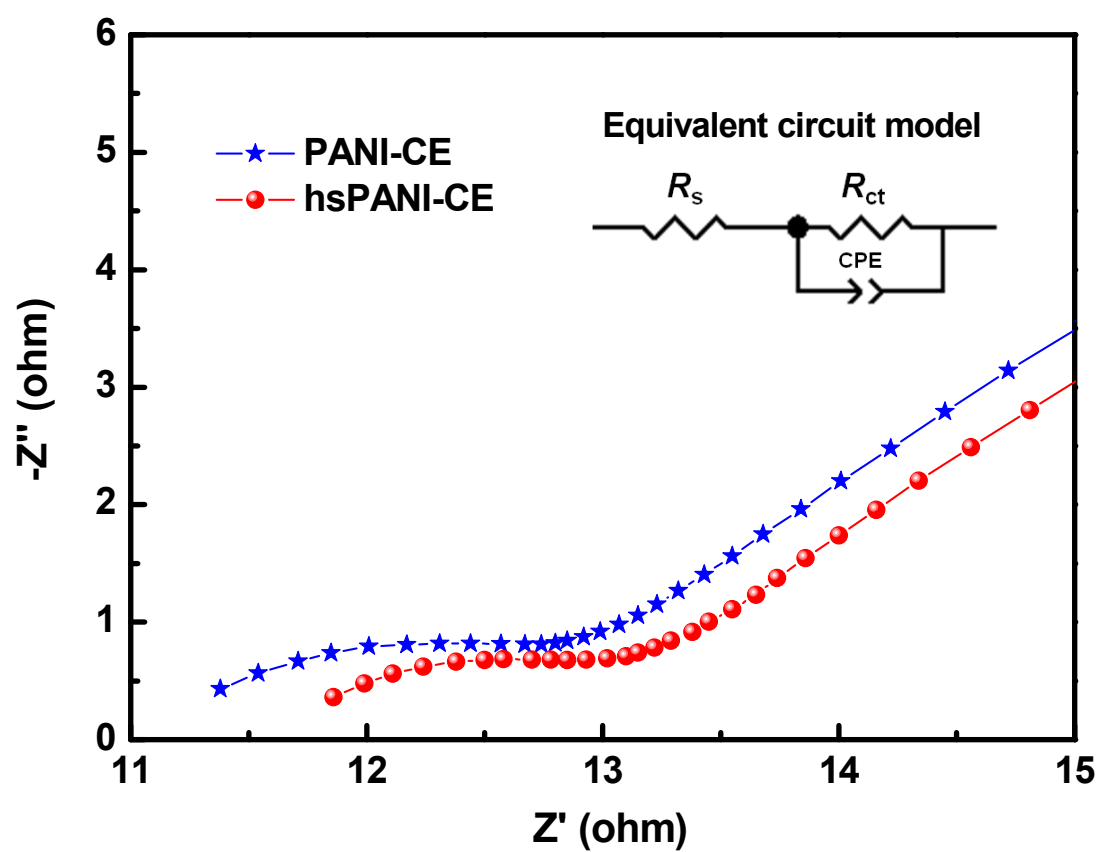


Fig. S2 EIS spectra of the symmetric cells with PANI-CE and hsPANI-CE. The inset shows the corresponding equivalent circuit model.