

Electronic Supplementary Information

Enhancement of photocatalytic H₂-production activity of CdS nanorods by cobalt-based cocatalysts modification

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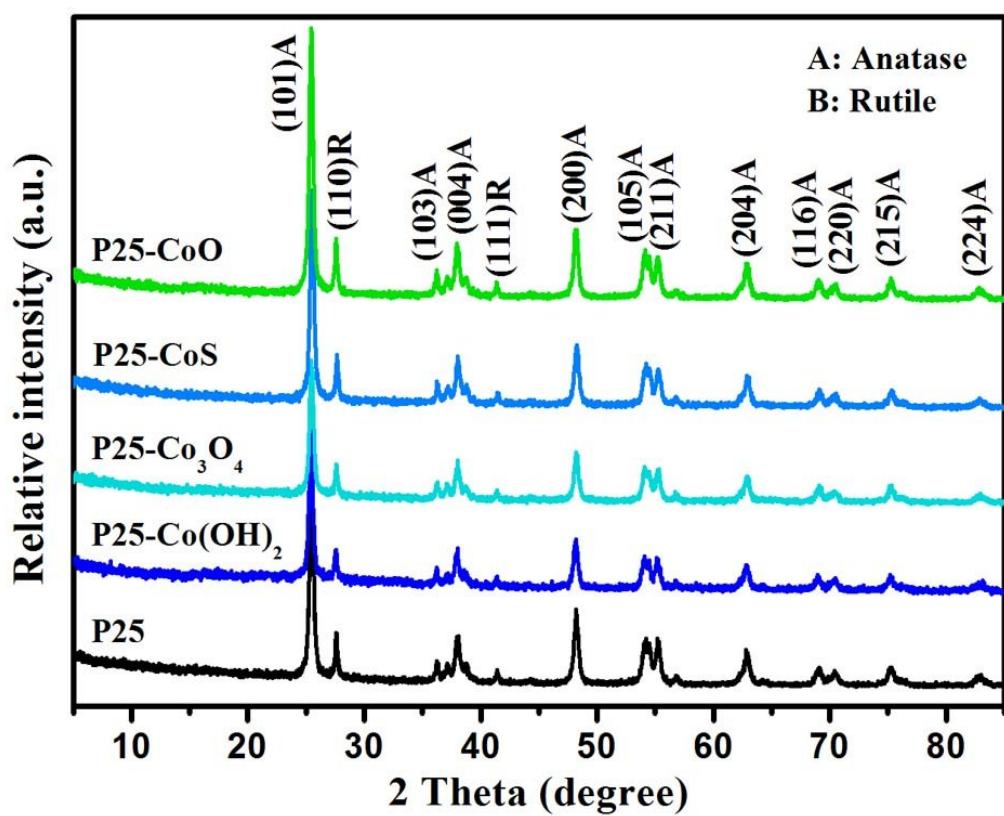


Fig. S1 XRD patterns of the comparison samples: P25, P25-Co(OH)₂, P25-Co₃O₄, P25-CoS and P25-CoO.

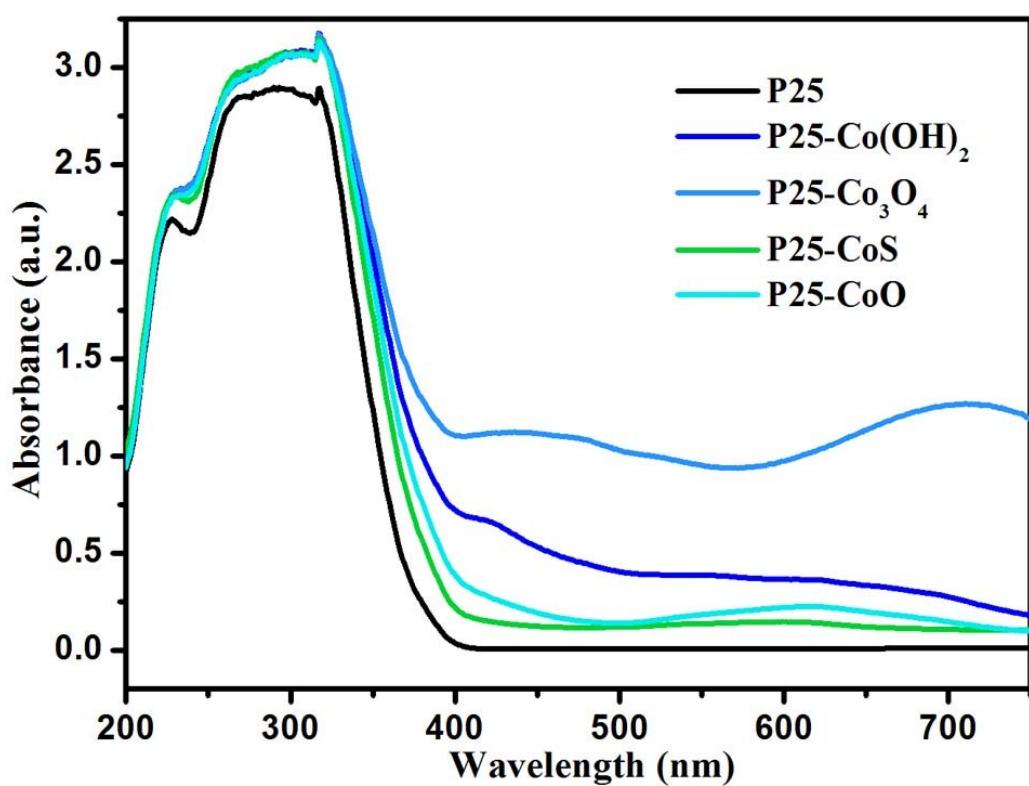


Fig. S2 UV-vis diffuse reflectance spectra of the P25, P25-Co(OH)₂, P25-Co₃O₄, P25-CoS and P25-CoO samples.

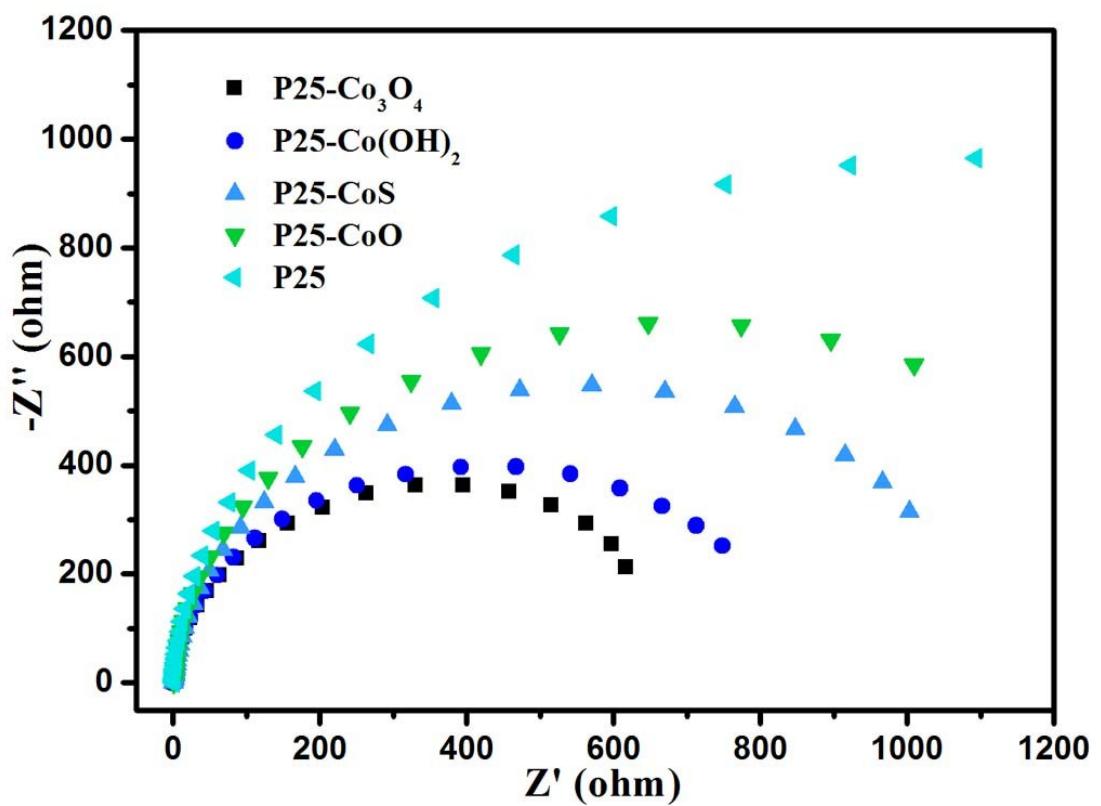


Fig. S3 Nyquist plots of the P25, P25-Co(OH)₂, P25-Co₃O₄, P25-CoS and P25-CoO samples in 0.1 M Na₂SO₄ aqueous solution.