

Supporting Information

Influence of inorganic anions on the photocatalytic CO₂ reduction

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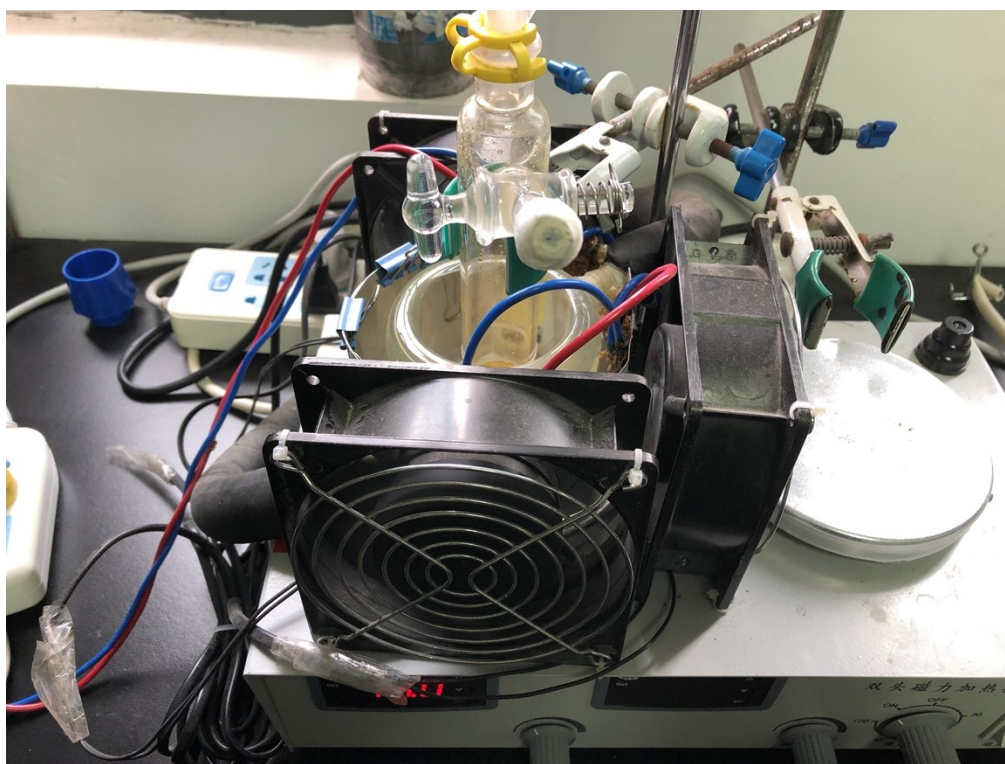


Fig. S1 The picture of photocatalytic CO₂ reduction system

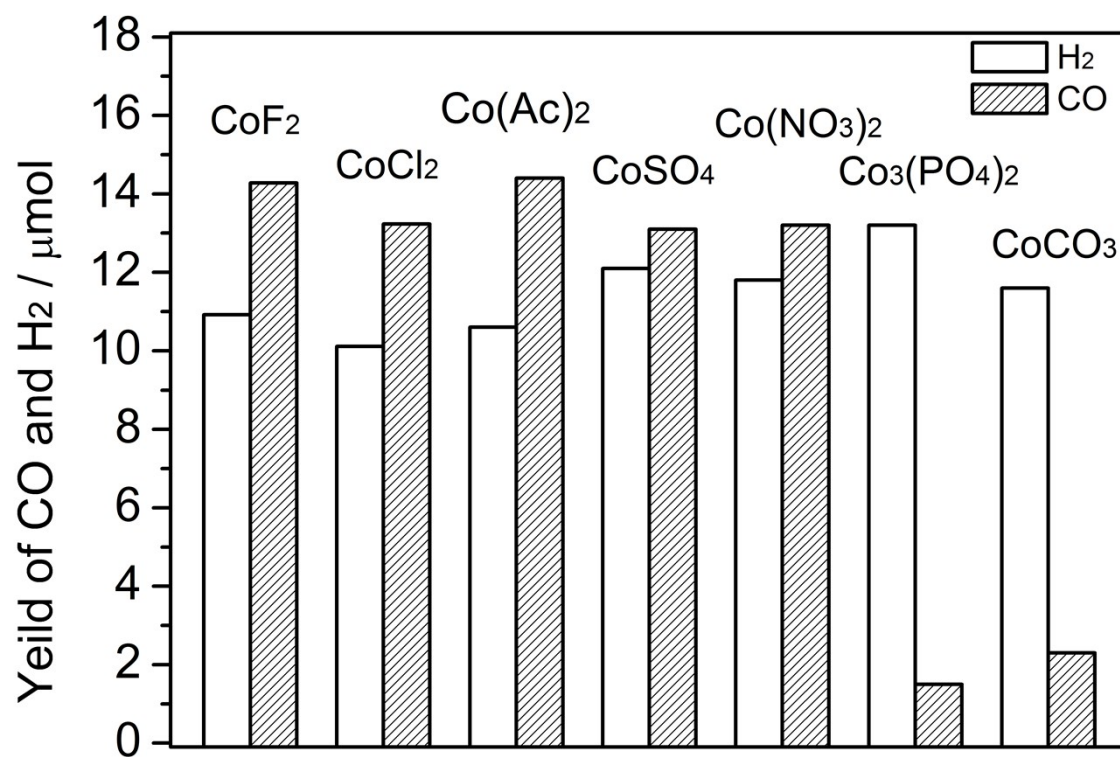


Fig. S2 Photocatalytic performance in the reaction medium containing different cobalt salts

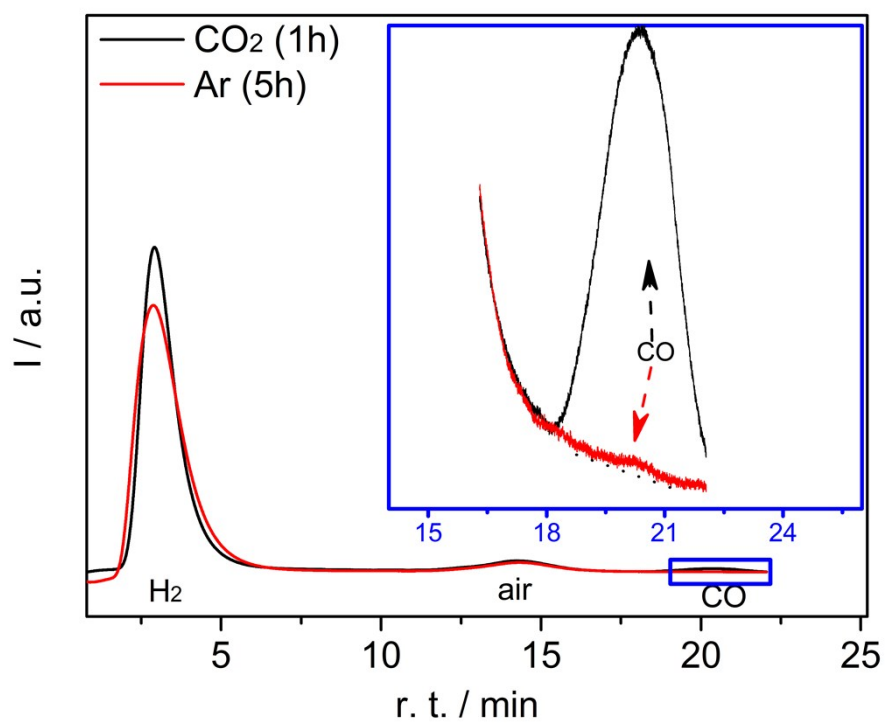


Fig. S3 Spectrum of GC in the reaction solution containing CoCO_3 under CO_2 (blue line) and Ar (red line) atmosphere respectively

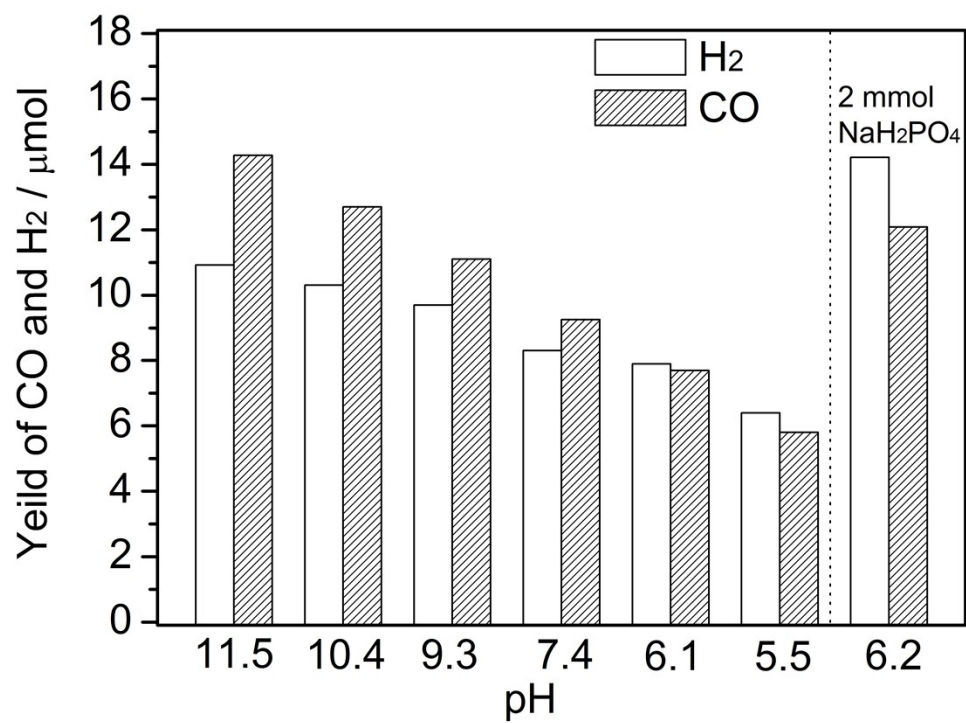


Fig. S4 Dependence of pH on the performance of H₂ and CO generation

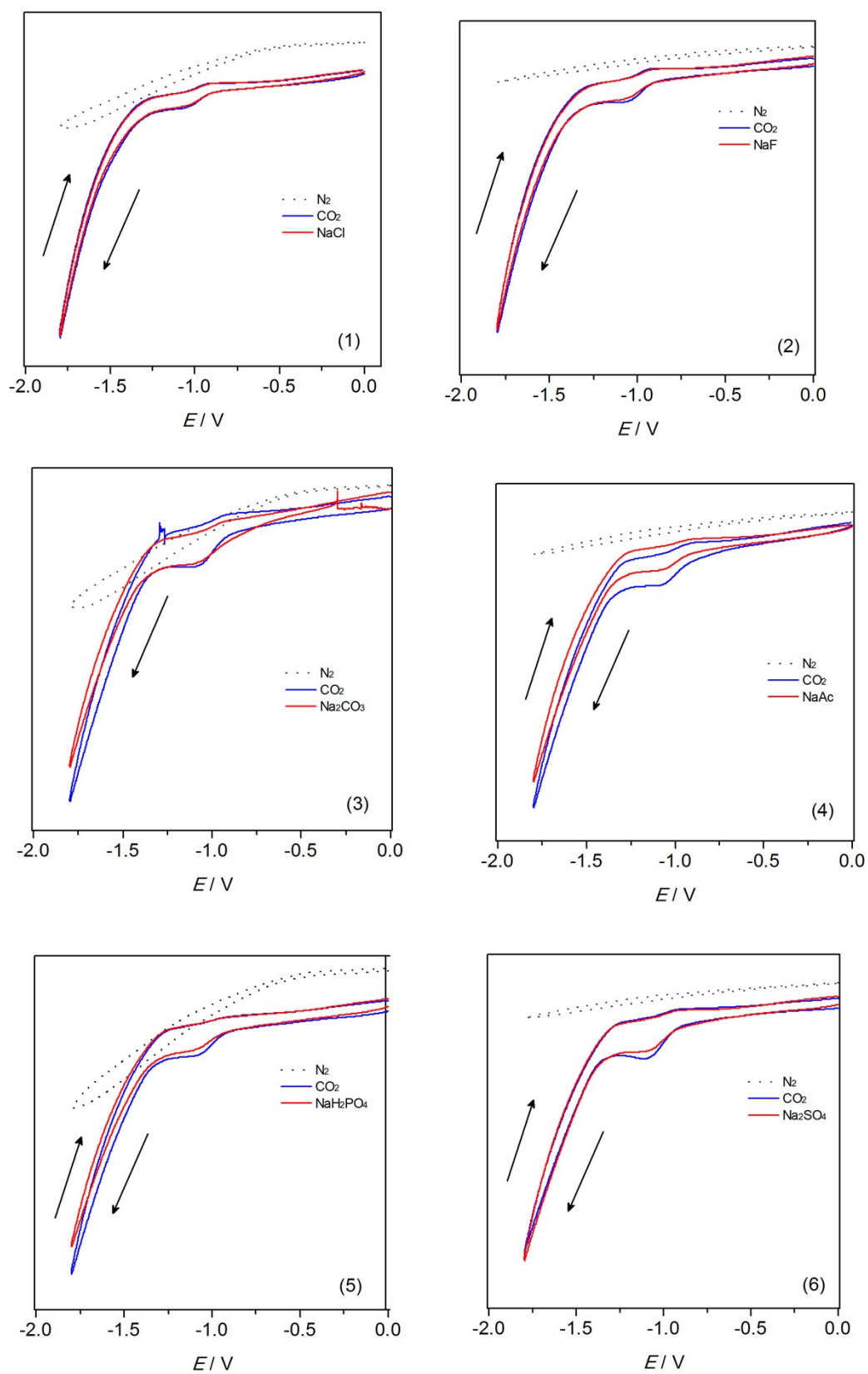


Fig. S5 CV curves of reaction medium in the present of different anions: N_2 (dash line), CO_2 (blue line) and different cobalt salts (red line)

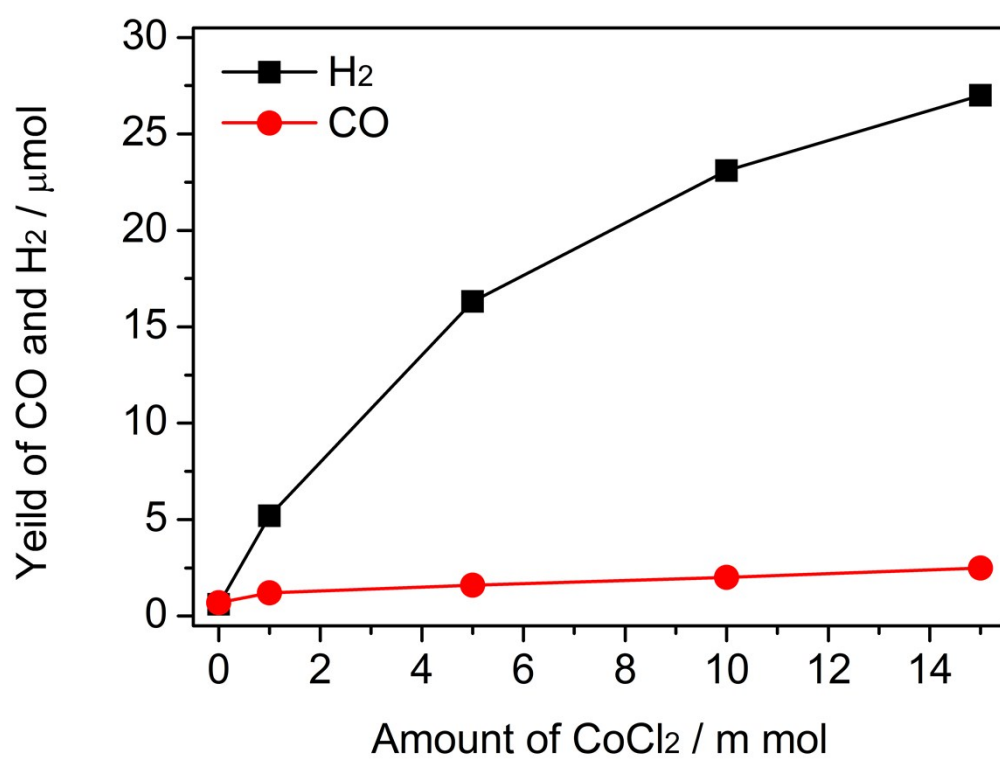


Fig. S6 Dependence of amount of Co²⁺ on the performance of H₂ without bpy.