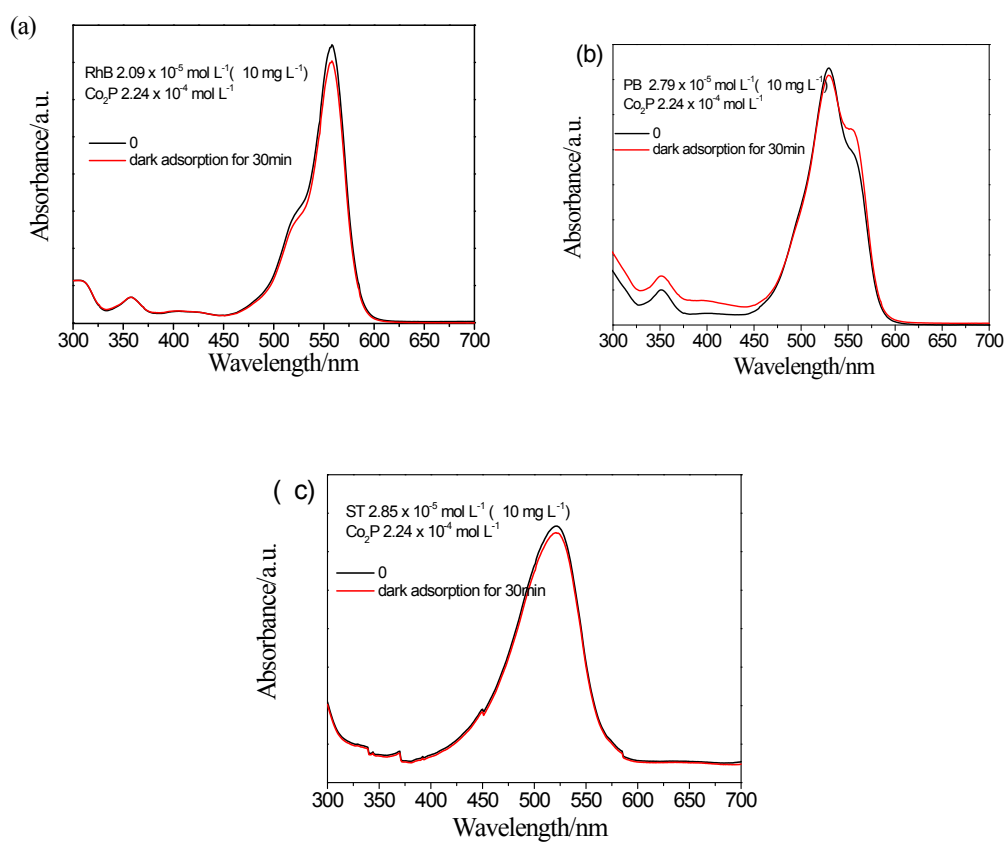


## Supporting Information

### Grass-like Co<sub>2</sub>P superstructures: Direct synthesis between elements, forming mechanism and catalytic properties

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**Figure S1.** UV-Vis absorption spectra of Rhodamine B (a), Pyronine B (b) and Safranin T (c) in dark after adsorption for 30 min in the presence of  $2.24 \times 10^{-4} \text{ mol L}^{-1}$  of grass-like  $\text{Co}_2\text{P}$  superstructures.