

Supplementary Information

Phosphorus-Vacancy Density Regulation in Cobalt Phosphide for Efficient Bifunctional Urea-Assisted Energy-Saving Hydrogen Production

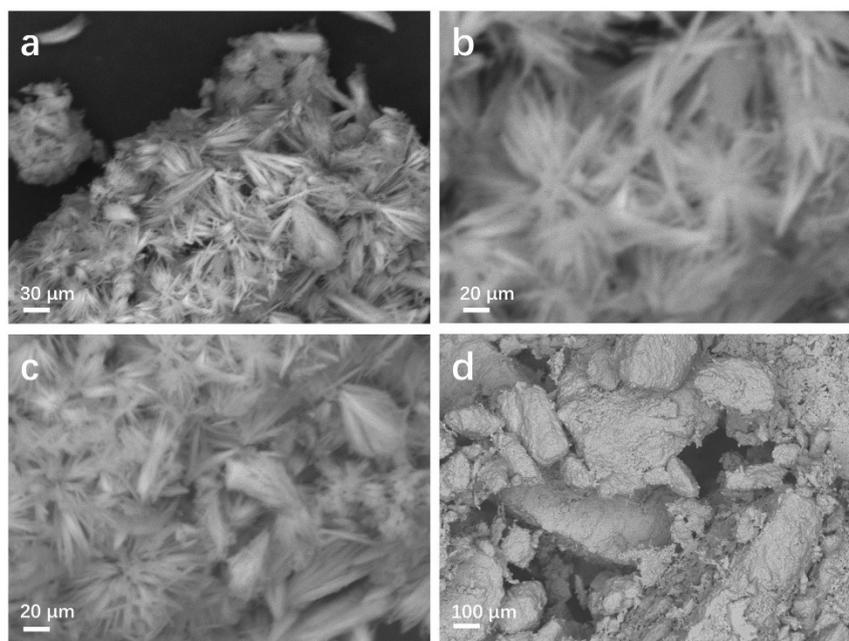


Fig S1 (a-d) SEM images of CoP-V_{P20}, CoP-V_{P10}, CoP and Co

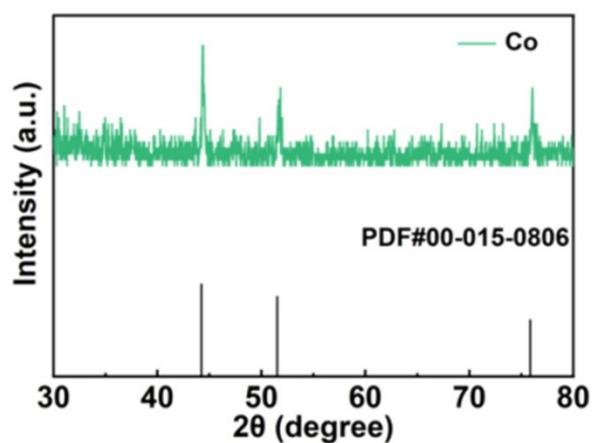


Fig S2 XRD pattern of Co

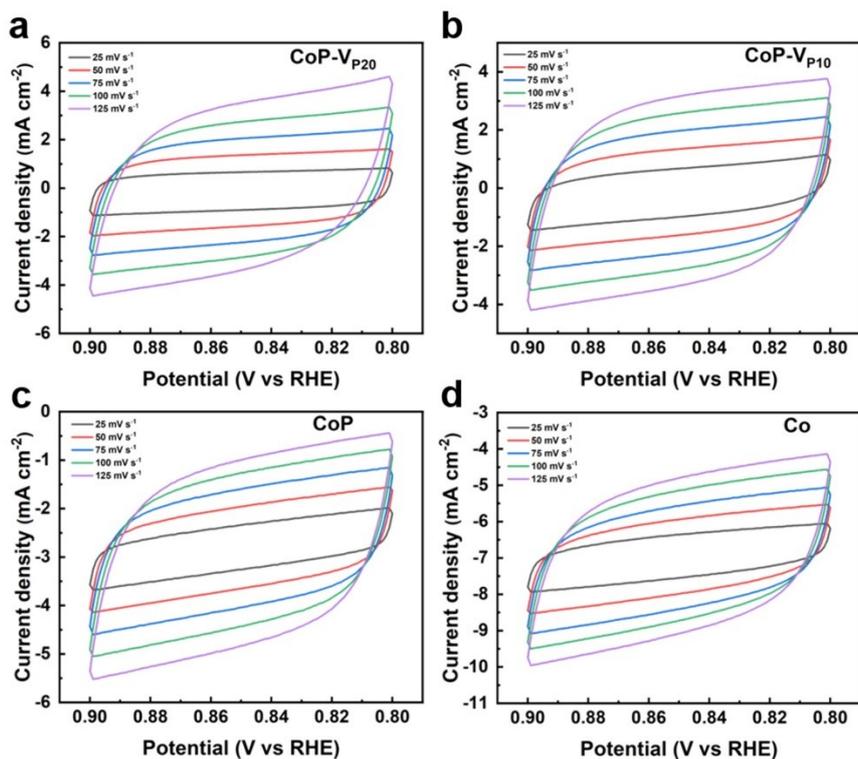


Fig S3 (a-d) CV curves of CoP-V_{P20}, CoP-V_{P10}, CoP and Co in 1.0 M KOH solution

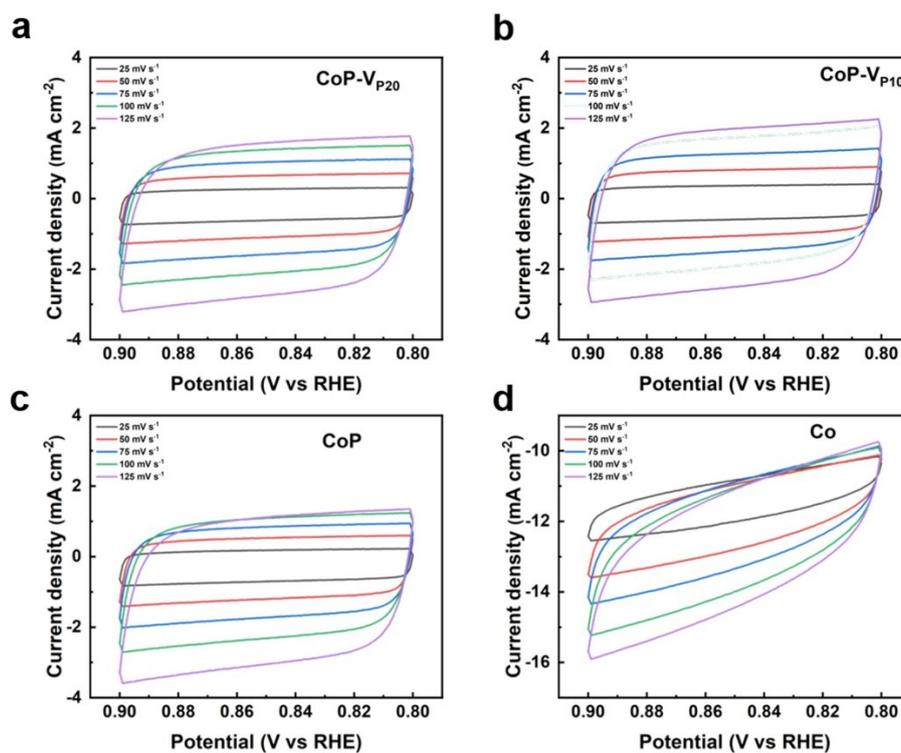


Fig S4 (a-d) The CV curves of CoP-V_{P20}, CoP-V_{P10}, CoP and Co in 1.0 M KOH electrolyte and 0.33 M urea solution

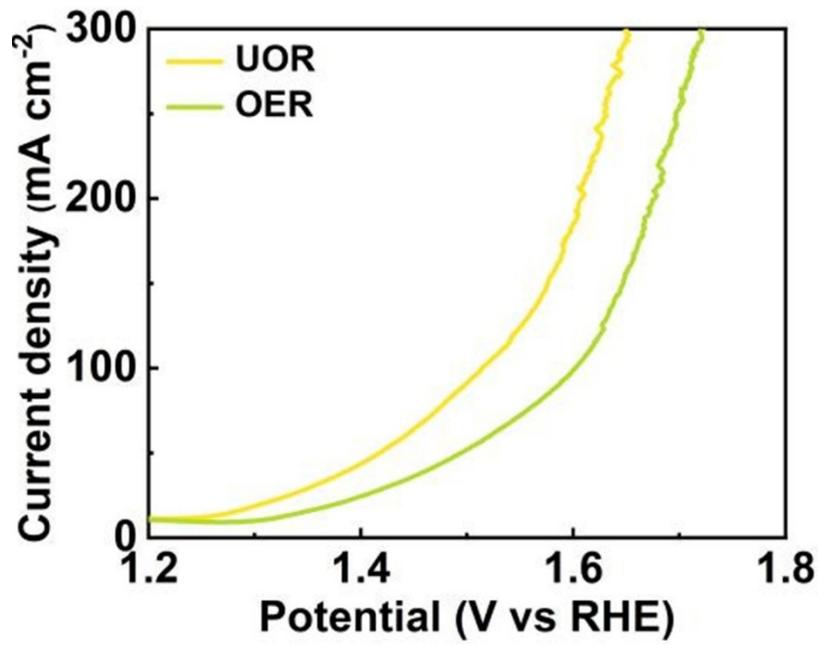


Fig S5 Comparison LSV curves of between OER and UOR of Co₄N-V_N.