

Low Au-content CoAu electrodes for environmental applications

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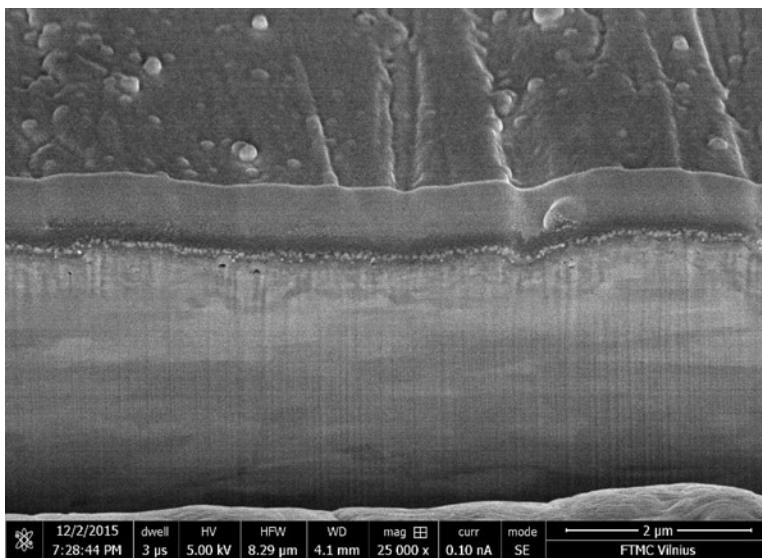


Figure S1. TEM image of the cross section of Co deposited onto Cu.

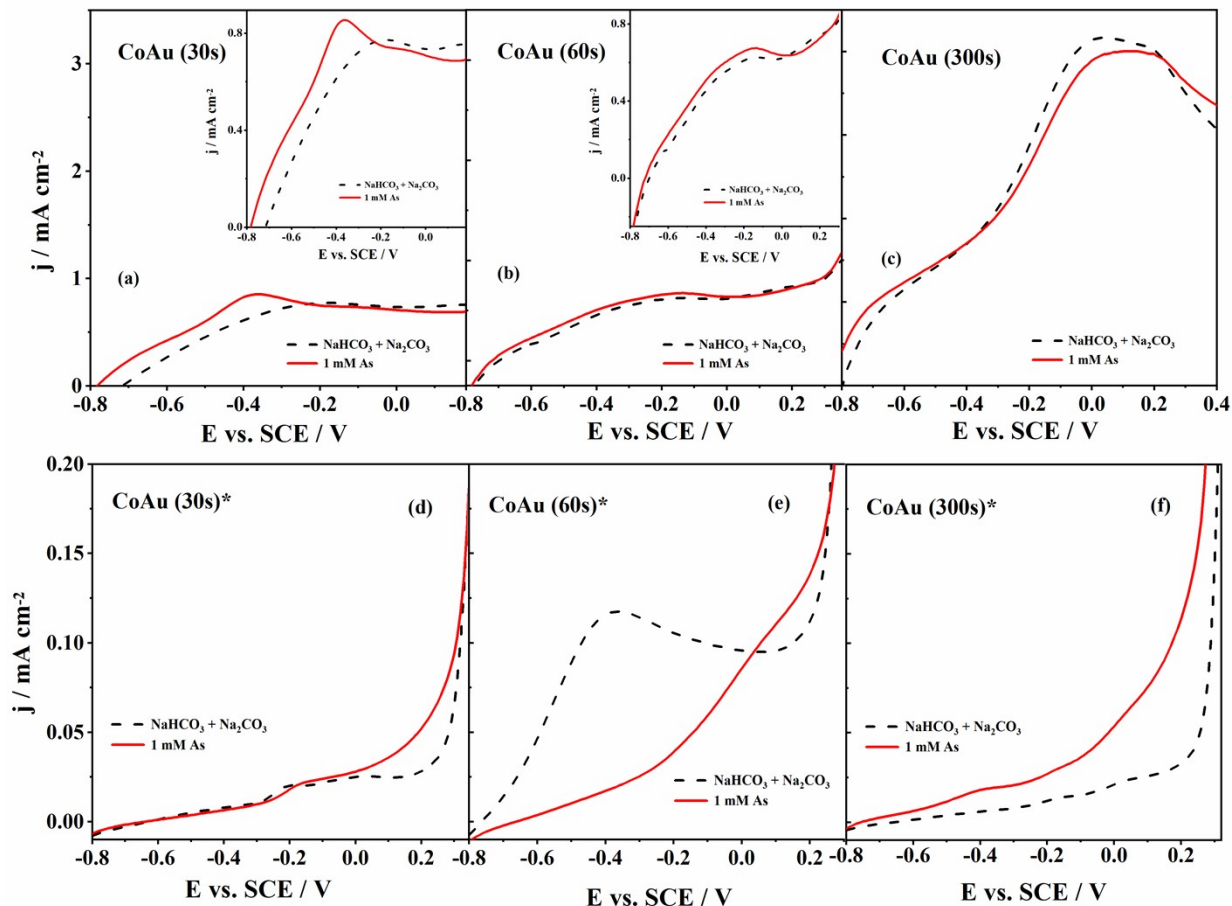


Figure S2. ASV of (a,b,c) CoAu electrodes prepared by immersion into 1 mM HAuCl₄ (pH 1.8) at 30° C for different periods (30 s, 60 s and 300 s) and (d,e,f) CoAu electrodes prepared by immersion into 1 g l⁻¹ KAu(CN)₂ + 0.4 M (NH₄)₂C₆H₆O₇ complex (pH = 5) for various periods (30 s, 60 s and 300 s). ASVs recorded in NaHCO₃ + Na₂CO₃ buffer in the absence and in the presence of As (III) (1 mM) recorded at a scan rate of 50 mV s⁻¹ after holding the potential at -0.7 V for 60 s.