

Supplementary Information

Cobalt-Phosphate Complexes Catalyze the Photoelectrochemical Water Oxidation of BiVO₄ Electrodes

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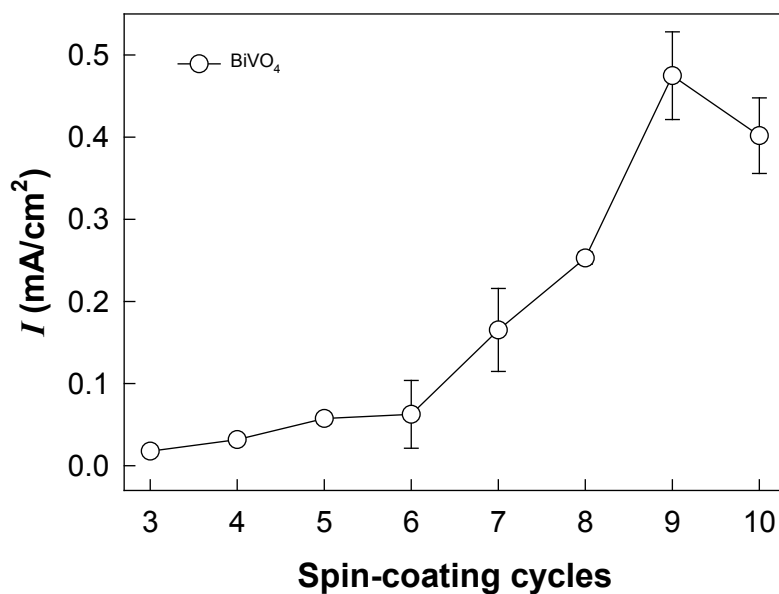


Fig. S1. Photocurrents of BiVO₄ electrodes with different coat cycles in 0.1 M potassium phosphate under $\lambda > 400$ nm. E = 1.0 V vs. SCE

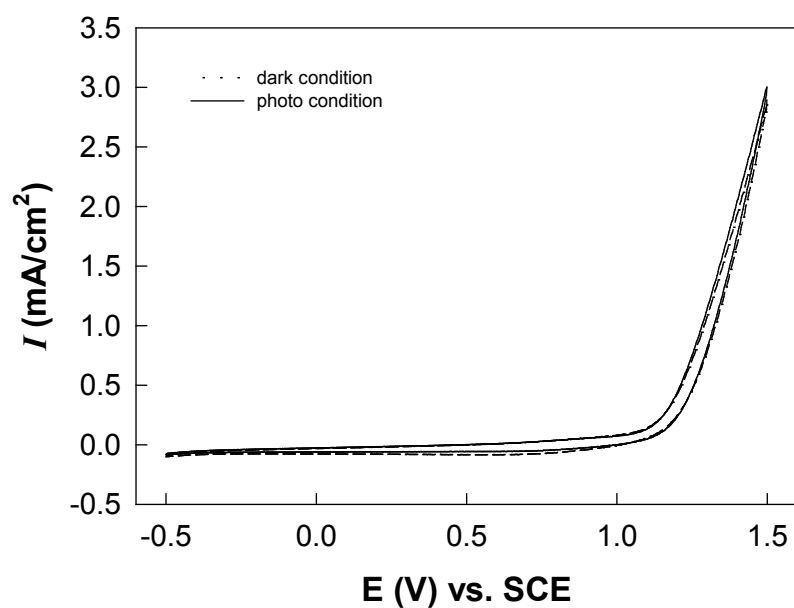


Fig. S2. Cyclic voltammograms of FTO/CoPi in 0.1M potassium phosphate (pH 7) electrolyte under AM 1.5-irradiation.

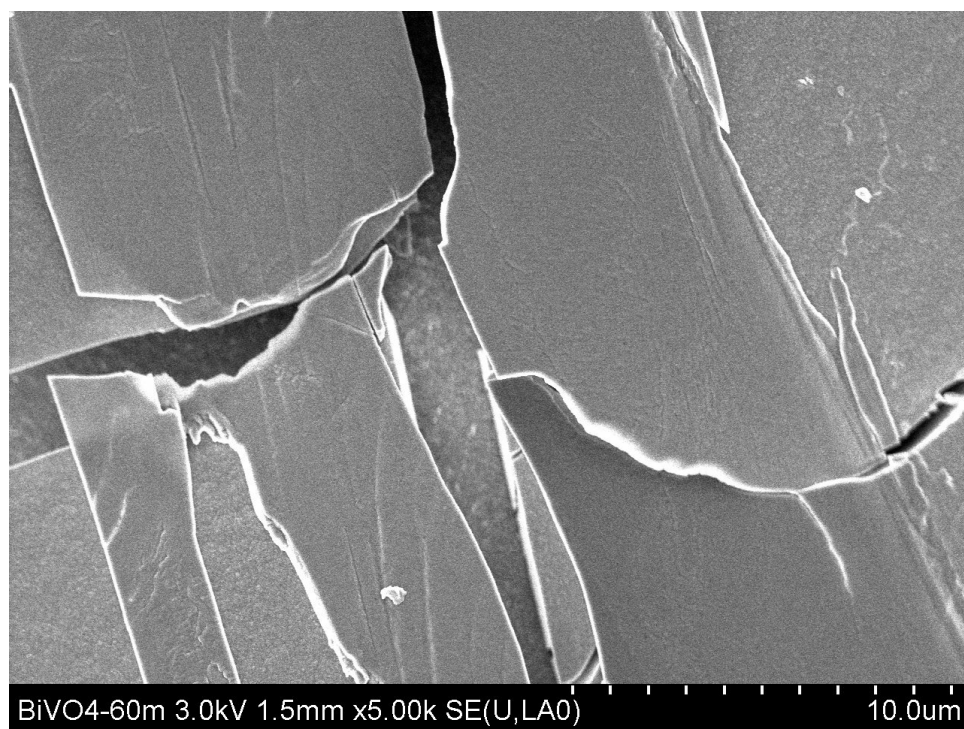


Fig. S3. SEM image of BiVO₄/CoPi (S-ED 60 min)

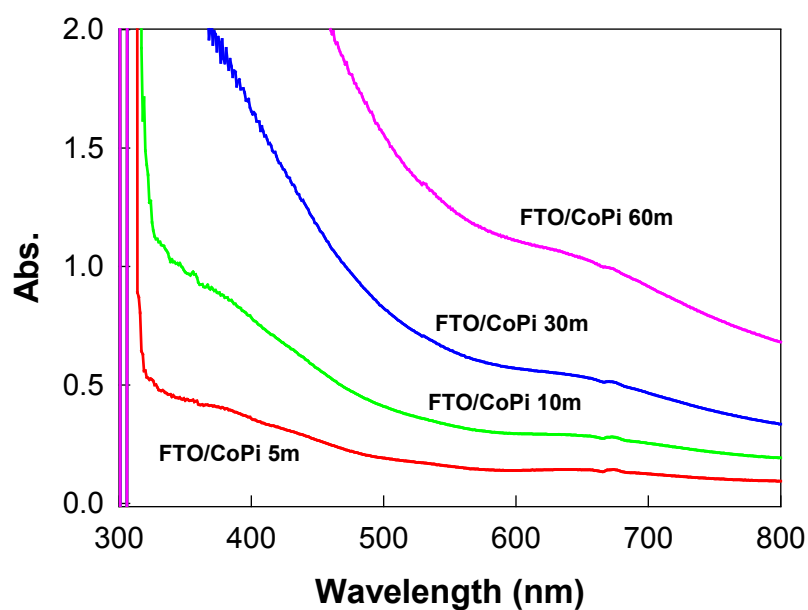


Fig. S4. Absorption spectra of CoPi electrodeposited on FTO for different periods of time.

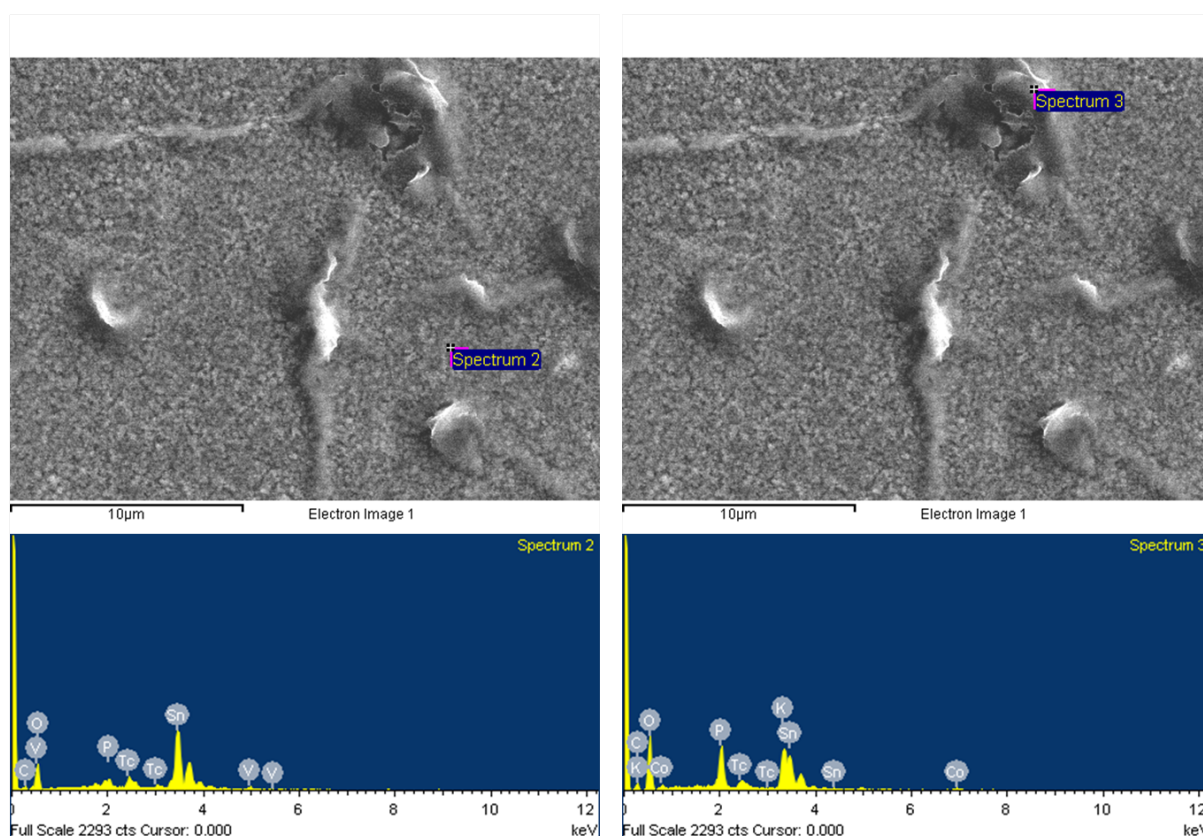


Fig. S5. EDX analysis of BiVO₄/CoPi (S-PD 30 min).

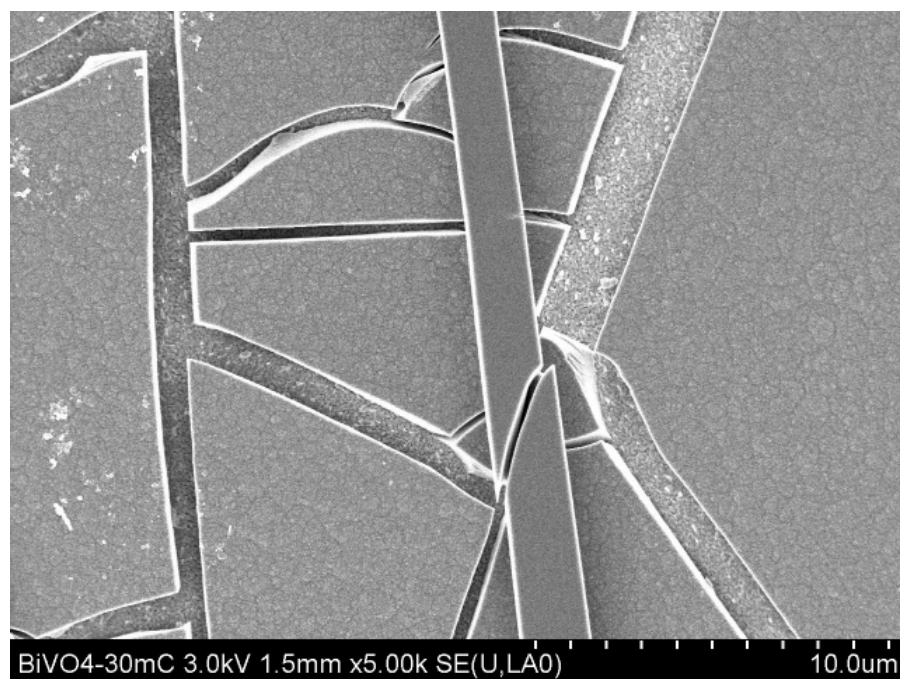


Fig. S6. SEM images of BiVO₄/CoPi (continuous ED 30 min). CoPi was continuously electrodeposited for 30 min.