

Electronic Supplementary Information

Copper (II) Tungstate Nanoflake Array Films: Sacrificial Template Synthesis, Hydrogen Treatment, and Their Application as Photoanodes in Solar Water Splitting

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Fig. S1 TEM images and SAED patterns of WO_3 and CuWO_4 nanoflakes

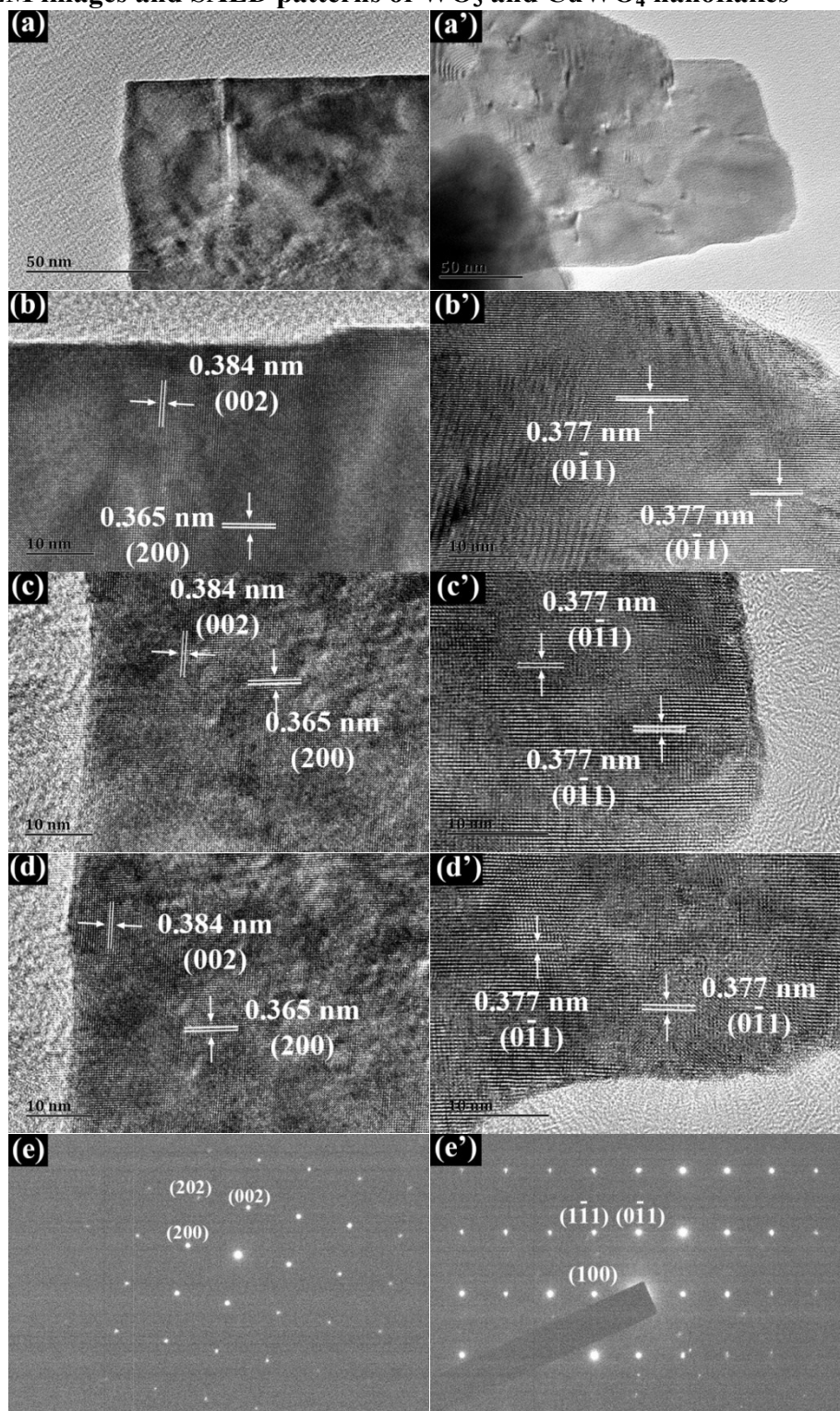


Fig. S1 TEM images of WO_3 (a-d) and CuWO_4 (a'-d'). SAED patterns of WO_3 (e) and CuWO_4 (e').

Fig. S2 Linear potential sweep measurements of CuWO₄ and H-treated CuWO₄ in 0.1 M phosphate buffer (pH 7)

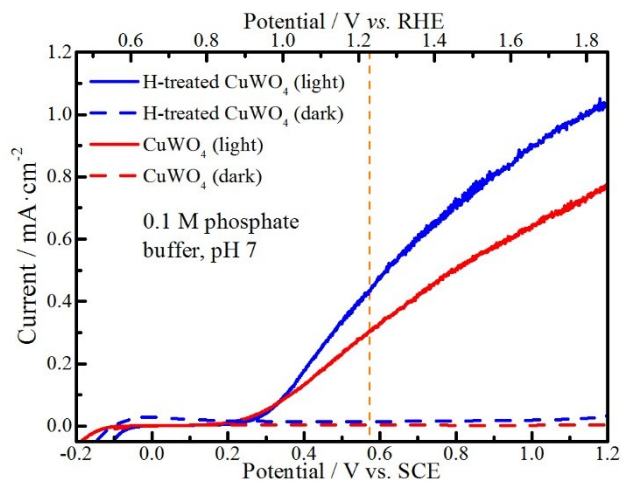


Fig. S2 Current density-potential responses of the H-treated CuWO₄ photoanodes in 0.1 M sodium phosphate buffer solution (pH 7) at potential sweep rate of 10 mV·s⁻¹ in the dark and under illumination (100 mW·cm⁻²). The current density-potential response of the CuWO₄ photoanode is also presented for comparison.