Epitaxial growth of Bi_2S_3 nanowires on $BiVO_4$ nanostructures for enhancing photoelectrochemical performance

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Supporting Information

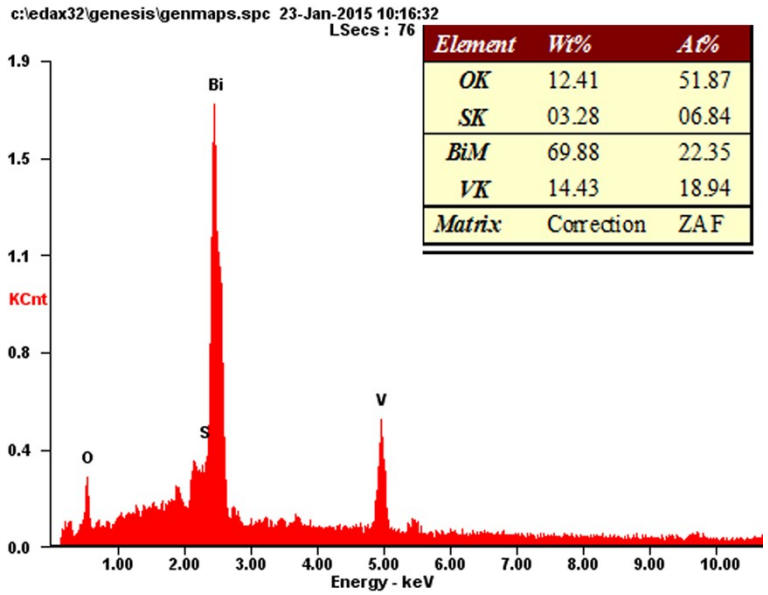

Fig. S1 EDX of the $Bi_2S_3/BiVO_4$ heterojunction films

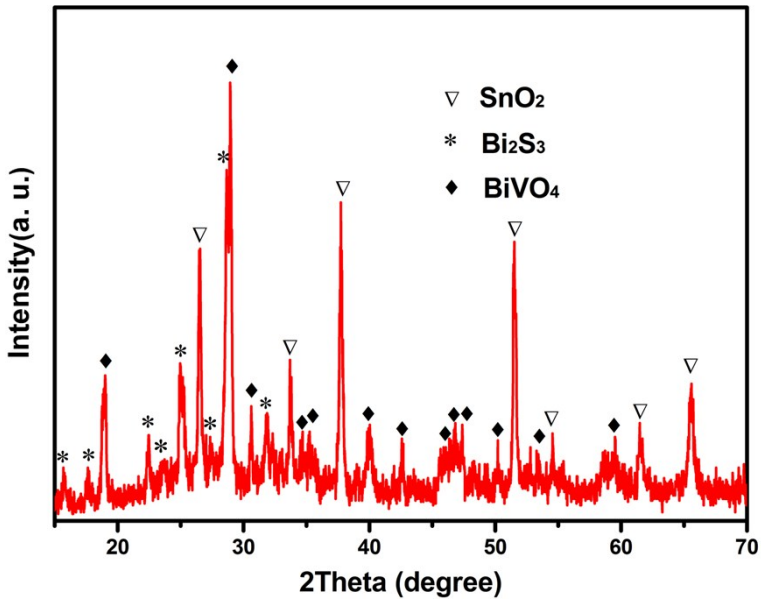

Fig. S2 XRD pattern of $BiVO_4$ film after LSV measurement in the aqueous solution containing 0.35 M Na_2SO_3 and 0.25 M Na_2S.

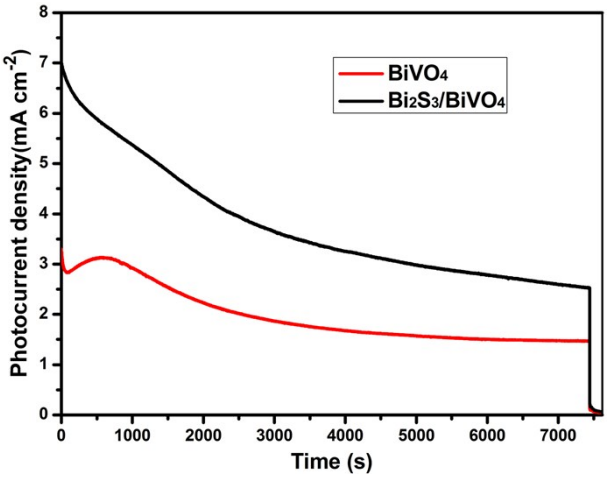

Fig. S3 (a) Photocurrent-time plot of the photoelectrodes at 0.6761 V vs. RHE (-0.2 V vs. Ag/AgCl)