Electronic Supplementary Information

For

Ag_2O decorated electrospun $BiVO_4$ nanofibers with photocatalytic performance enhancement

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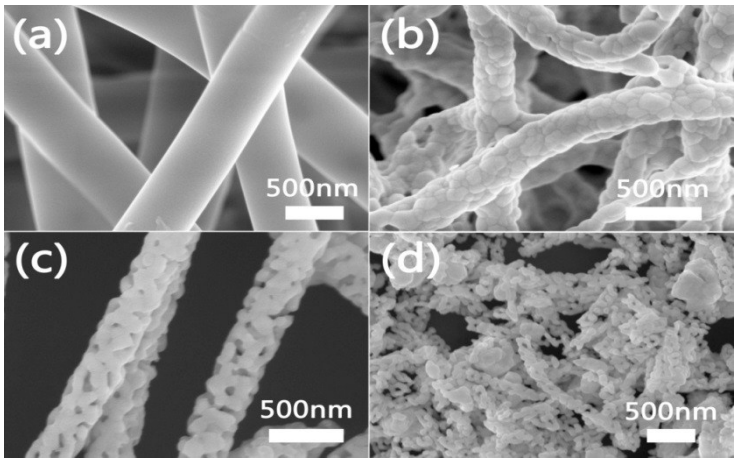

Figure S1. (a) SEM image of the $BiVO_4$ electrospun precursor before calcination, (b-d) SEM image of the $BiVO_4$ nanofibers calcinated at 400℃, 500℃ and 600℃.

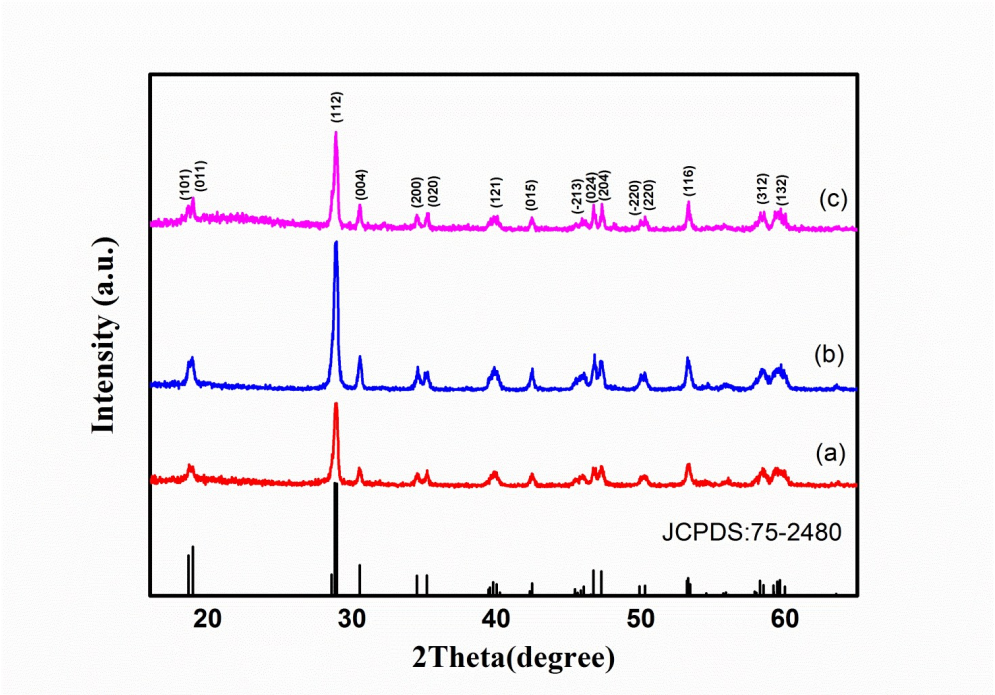

Figure S2. XRD patterns of $BiVO_4$ nanofibers calcinated at 400℃, 500℃ and 600℃.

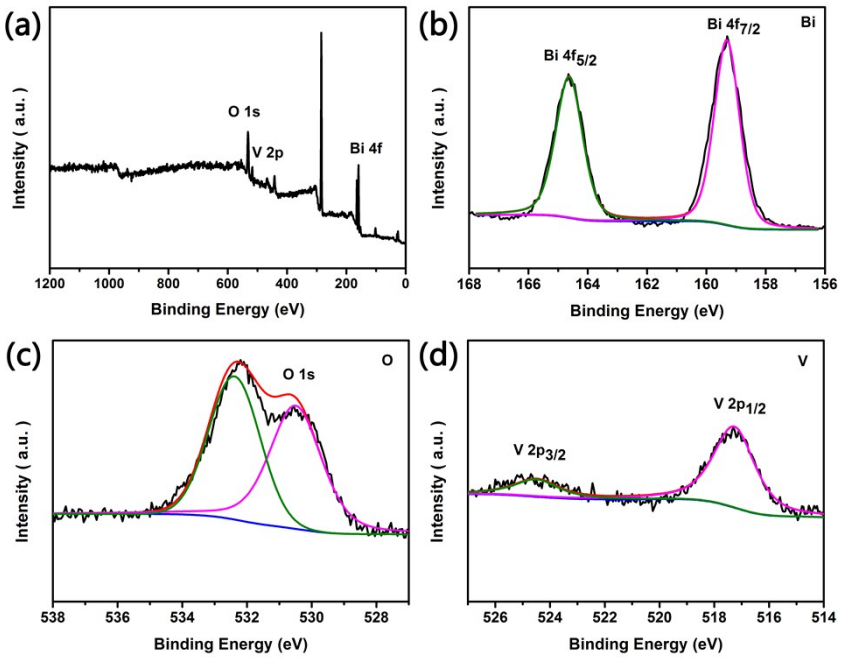

Figure S3. High resolution XPS spectra of pure BiVO4 NFs: (a) full spectrum; (b) Bi 4f; (c) O 1s; (d) V 2p.

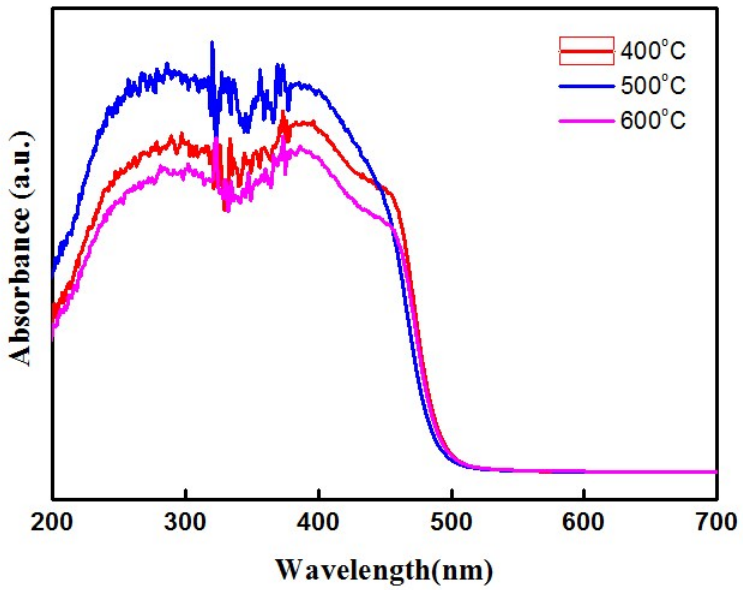

Figure S4. Diffuse reflectance UV–vis spectra of $BiVO_4$ nanofibers.

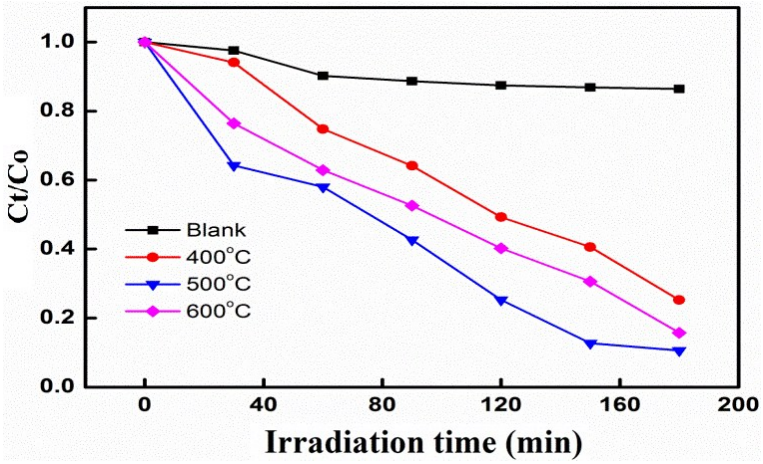

Figure S5. Photocatalytic activities of $BiVO_4$ nanofibers for the degradation rate of RhB under visible light.