## **Electronic Supplementary Information**

## Vapor Treatment of Nanocrystalline WO<sub>3</sub> Photoanodes for Enhanced Photoelectrochemical Performance in the Decomposition of Water

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- Figure S1. Absorption edge regions of the W L<sub>3</sub>-edge XANES spectra of the WO<sub>3</sub> films
- Figure S2. Second derivatives of the W  $L_3$ -edge XANES spectra of the WO<sub>3</sub> films
- **Figure S3.** W L<sub>3</sub>-edge EXAFS oscillations (k wave functions) of the WO<sub>3</sub> films. The dashed line curves denote the best fitting of the spectra.



Figure S1. Absorption edge regions of the W L<sub>3</sub>-edge XANES spectra of the WO<sub>3</sub> films



Figure S2. Second derivatives of the W L<sub>3</sub>-edge XANES spectra of the WO<sub>3</sub> films



**Figure S3.** The W L<sub>3</sub>-edge EXAFS oscillations (the k wave functions) of the WO<sub>3</sub> films. The dashed line curves denote the best fitting of the spectra.