Synthesis of transparent mesoporous tungsten trioxide films with enhanced photoelectrochemical response: Application to unassisted solar water splitting

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Supporting Information

Figure S1. UV-Vis absorbance spectra of WO3 films with different crystallinities.
Figure S2. Photocurrent densities of the nanostructured WO3 films normalized by their film thickness.
Figure S3. Generation of hydrogen gas from three different cells at zero bias for 1 hours. A: WO$_3$/DSSC tandem cell based PEC, B: WO$_3$ film based PEC and C: DSSC based PEC. H$_2$/O$_2$ ratio was 2.2:1 for PEC A.
Figure S4. Current versus time measurements of the tandem cell without external potential.