**Tungsten Disulfide Thin Film/p-type Si Heterojunction Photocathode for Efficient Photochemical Hydrogen Production**

*Supporting Information*

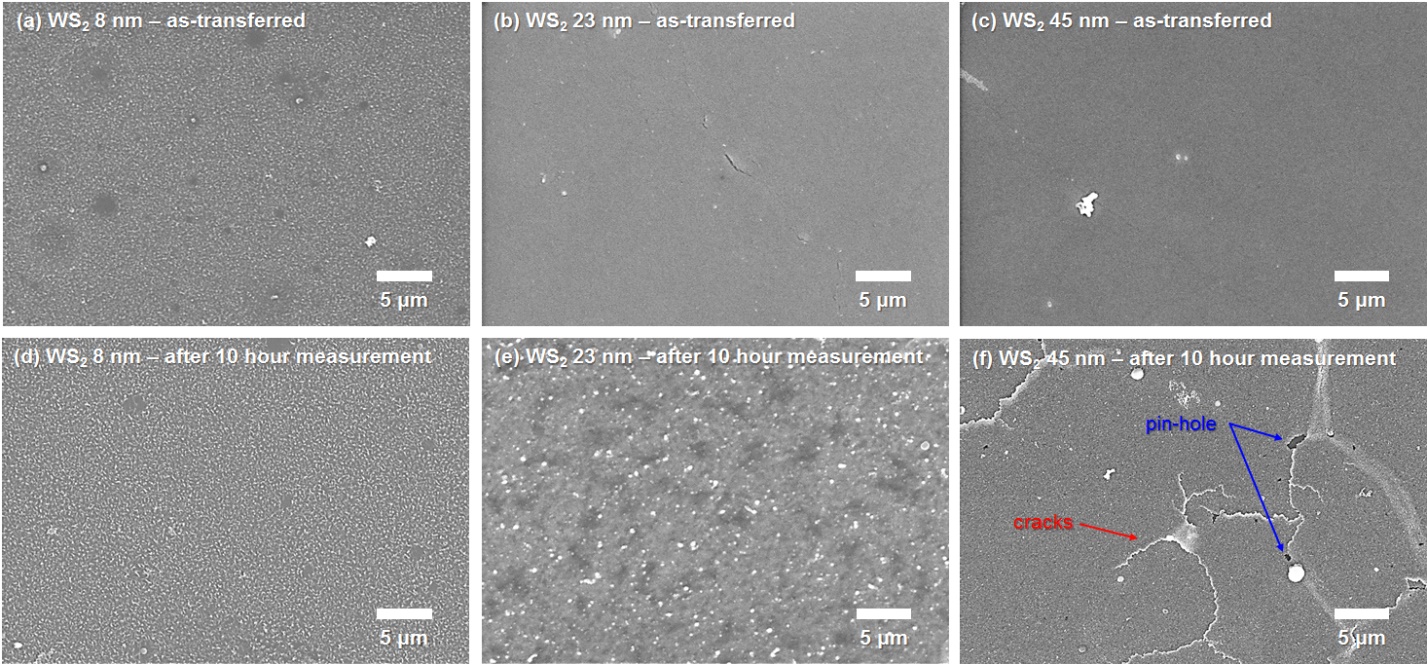
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**Fig. S1.** The top-view field-emission scanning electron microscopy (FE-SEM) images of as-transferred and chronoamperometry measured (for 10 hours) samples for 8-, 23-, 45-nm-thick WS2 thin films on *p*-Si. In the case of the 45-nm-thick WS2 thin film catalyst, the thin film significantly degraded after 10 hour chronoamperometry measurement.