**Supplementary Material**

**PbO-sensitized ZnO nanorod arrays for enhanced visible-light-driven photoelectrochemical performance**

**Jinwen Shi,a) Penghui Guo,b) Ya Liu, Jinzhan Su, and Liejin Guo**

International Research Center for Renewable Energy (IRCRE), State Key Laboratory of Multiphase Flow in Power Engineering (MFPE), Xi'an Jiaotong University (XJTU), 28 West Xianning Road, Xi'an 710049, China

Address all correspondence to these authors.

a)e-mail: [jinwen\_shi@mail.xjtu.edu.cn](mailto:jinwen_shi@mail.xjtu.edu.cn),

b)e-mail: [ph-guo@mail.xjtu.edu.cn](mailto:ph-guo@mail.xjtu.edu.cn)

C:\XueXi\paper\PbO-ZnO-JMR\guo-m2\XPS\wide\combine-m.tif

**Fig. S1** Survey-scan XPS spectra of PbO/ZnO–*x* samples with *x* equal to (a) 0.00, (b) 0.10, (c) 0.40, (d) 0.64, (e) 1.11, and (f) 1.60, respectively.