## **Supporting Information**

Fast sensitization process of ZnO-nanorod-array electrodes by

electrophoresis for dye-sensitized solar cells

Guangjie Zhang <sup>a</sup>, Qingliang Liao <sup>a</sup>, Zi Qin <sup>a</sup>, Xiaohui Zhang <sup>a</sup>, Zheng Zhang <sup>a</sup>, Peifeng Li <sup>a</sup>, Qinyu Wang <sup>a</sup>, Shuo Liu <sup>a</sup>, Yue Zhang <sup>a,b,\*</sup>

<sup>a</sup> Department of Materials Physics and Chemistry, University of Science and Technology Beijing, Beijing 100083, People's Republic of China

<sup>b</sup> Key Lab for New Energy and Nanotechnology, University of Science and Technology Beijing, Beijing 100083, People's Republic of China

\*Corresponding author. Tel: +86-10-62333113; Fax: +86-10-62332011.

E-mail yuezhang@ustb.edu.cn (Y. Zhang).



**Figure S1.** Performance of DSSCs based on ZnO-nanorod-array with the thickness of  $\sim 6 \,\mu m$ . (a), (b) electrophoresis with the current of 0.001 mA.



**Figure S2.** Performance of DSSCs based on ZnO-nanorod-array with the thickness of  $\sim 6 \mu m$ . (a), (b) electrophoresis with the dye concentration of 10 mM and current of 0.1 mA.