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Article

Photovoltaic Performance of Dye-Sensitized Solar Cells Containing ZnO Microrods

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1. Current density-voltage profiles of DSSCs with ZnO/FTO photoelectrodes

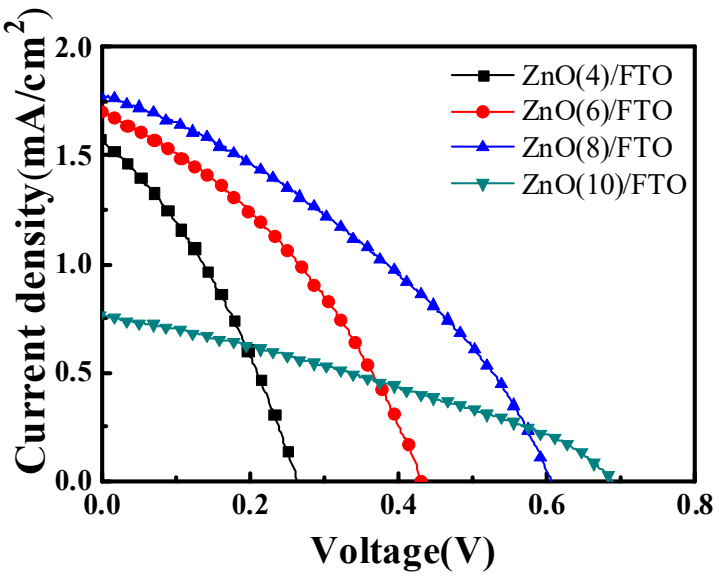


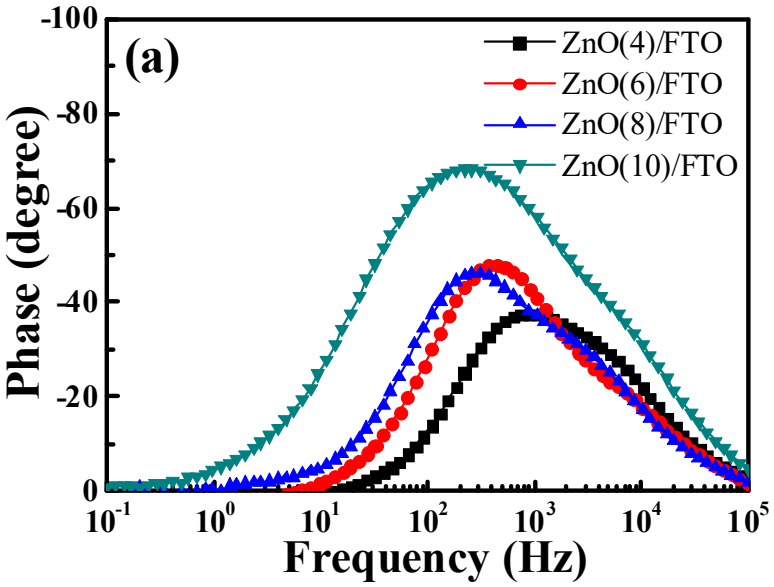
Figure S1. *J–V* characteristics of DSSCs with ZnO/FTO photoelectrodes.

Table S1. Photovoltaic parameters of DSSCs with ZnO/FTO photoelectrodes

Applied photoelectrodes	V_{oc} (mV)	J_{sc} (mA/cm^2)	*FF* (%)	η (%)

ZnO(4)/FTO	0.264	1.572	43.94	0.182
ZnO(6)/FTO	0.424	1.703	37.02	0.267
ZnO(8)/FTO	0.606	1.577	35.77	0.341
ZnO(10)/FTO	0.688	1.799	32.88	0.180

2. Electrochemical impedance spectroscopic analysis of DSSCs with ZnO/FTO photoelectrodes



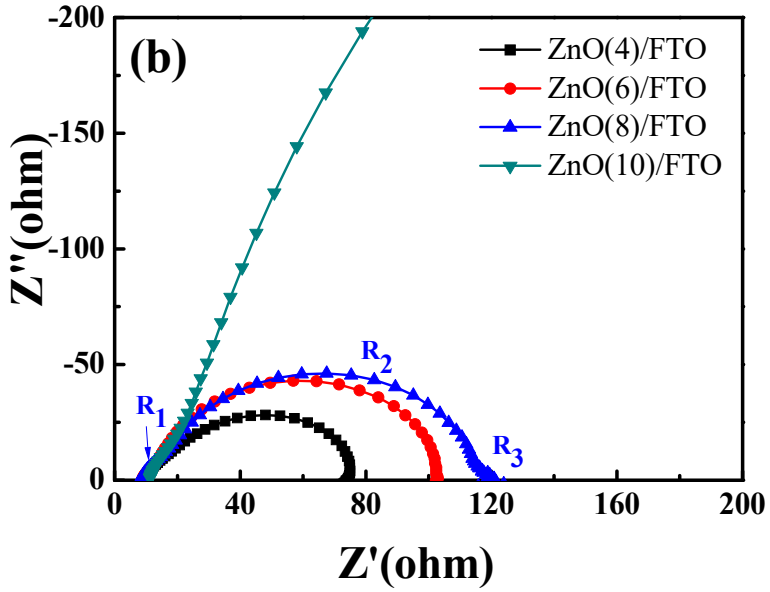


Figure S2. EIS spectra of the DSSCs with the ZnO/FTO photoelectrodes; (**a**) Bode and (**b**) Nyquist plots measured at −0.7 V in the dark.

3. Dark current-voltage profiles of DSSCs with ZnO/FTO photoelectrodes

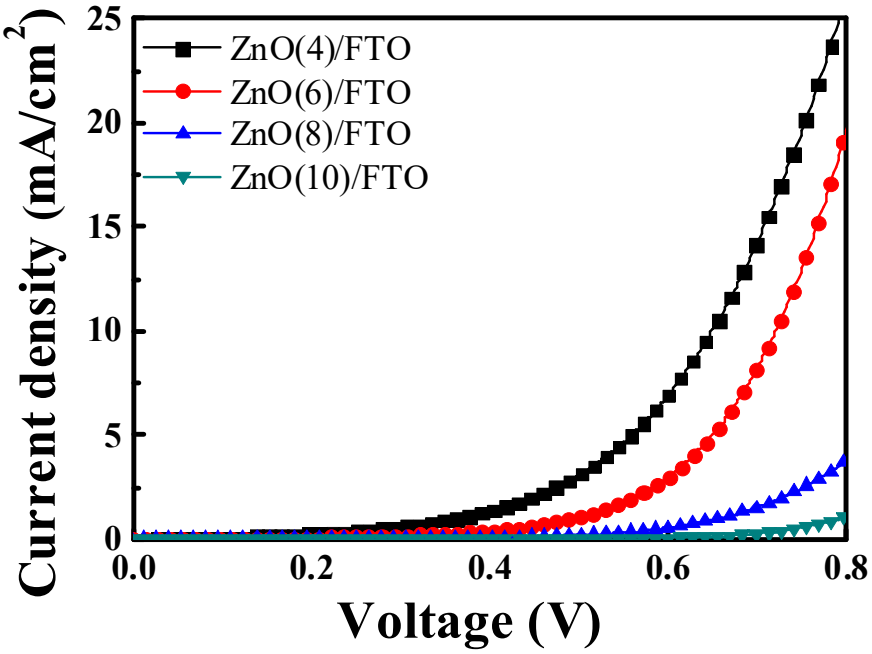


Figure S3. Dark current–voltage characteristics of DSSCs with ZnO/FTO photoelectrodes.