NiS submicron cubes with efficient electrocatalytic activity as the counter electrode of dye-sensitized solar cells

Qiongzhe Yu, Yashuai Pang and Qiwei Jiang*

Henan Key Laboratory of Photovoltaic Materials, School of Physics and Electronic, Henan University, Kaifeng 475001, China.

Keywords: NiS, counter electrode, dye-sensitized solar cells, electrocatalytic

**Fig. S1** Equivalent circuit of EIS for the CE-CE cell. \( R_s \) is a sheet resistance, CPE is a constant phase element, \( R_{CT} \) is a charge-transfer resistance, \( Z_W \) is Nernst diffusion impedance.

**Fig. S2** The EDS spectrum of the as prepared NiS submicron cubes