Supplementary Information

AgInS$_2$/CdSe Type-II Core/Shell Quantum Dot-Sensitized Solar Cells with an Efficiency of 11.75% Under 0.1 sun

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Fig. S1. The deconvoluted spectra analysis of XRD pattern of TiO$_2$/AgInS$_2$/CdSe core-shell at the angle of (a) 20°-30° and (b) 40°-47°.
Fig. S2. Sun intensity dependence of the current density, \( J_{sc} \). The data are fitted with the power law equation to determine the degree of linearity of the photocurrent with the sun intensity.