

Supplementary Information

Cu-Mediated Broadening of the Absorption Band of Quaternary Cu-Ag-In-S/CdSe Type-II Core/Shell Quantum Dot-Sensitized Solar Cells with an Efficiency of 12.51% Under 0.25 Sun

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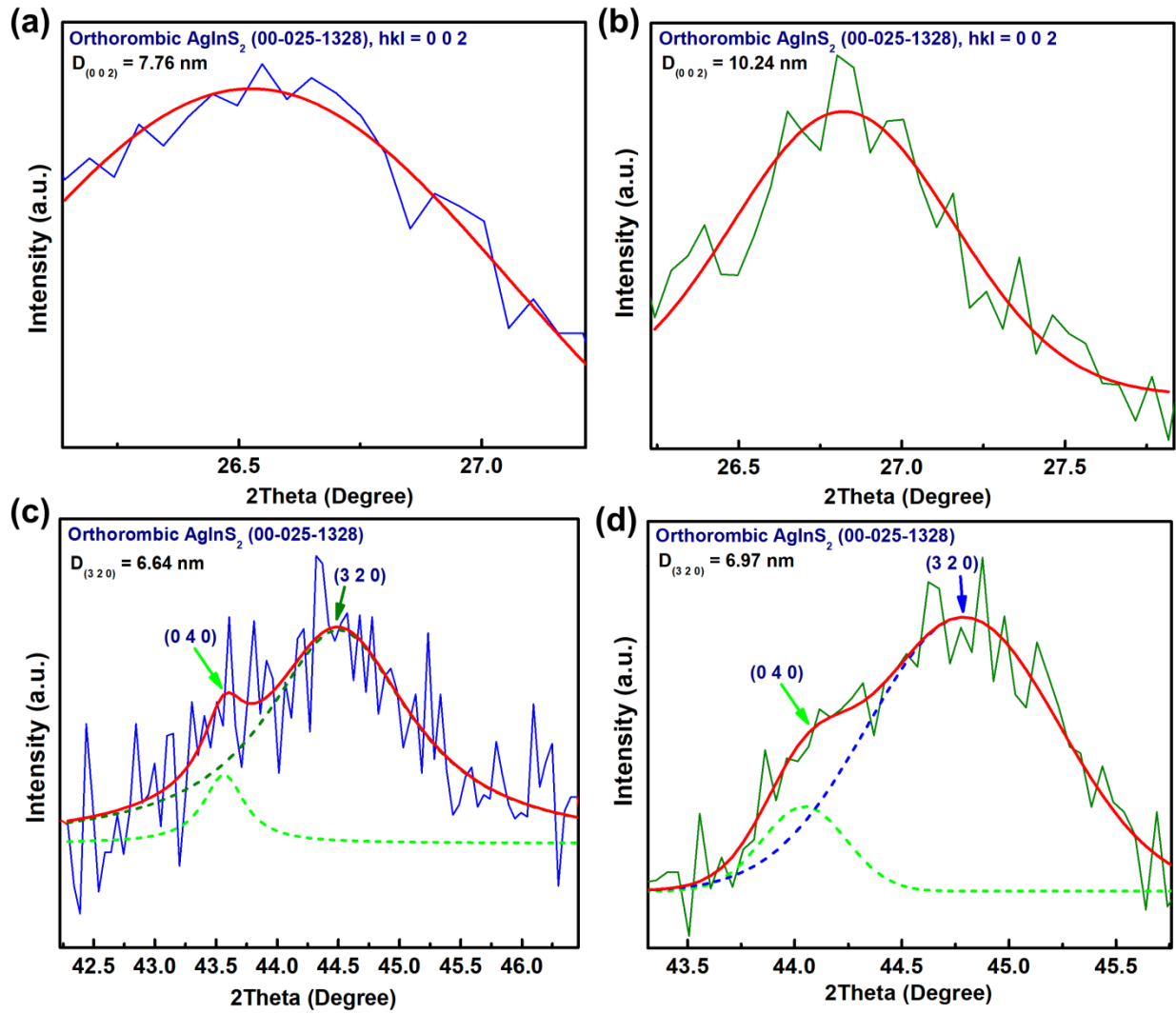


Fig. S1 Gaussian curve fit of (a) AgInS_2 QDs (0 0 2), (b) Cu-Ag-In-S QDs (0 0 2), Gaussian multi peaks curve fit of (c) AgInS_2 QDs (0 4 0 and 3 2 0), (d) Cu-Ag-In-S QDs (0 4 0 and 3 2 0)

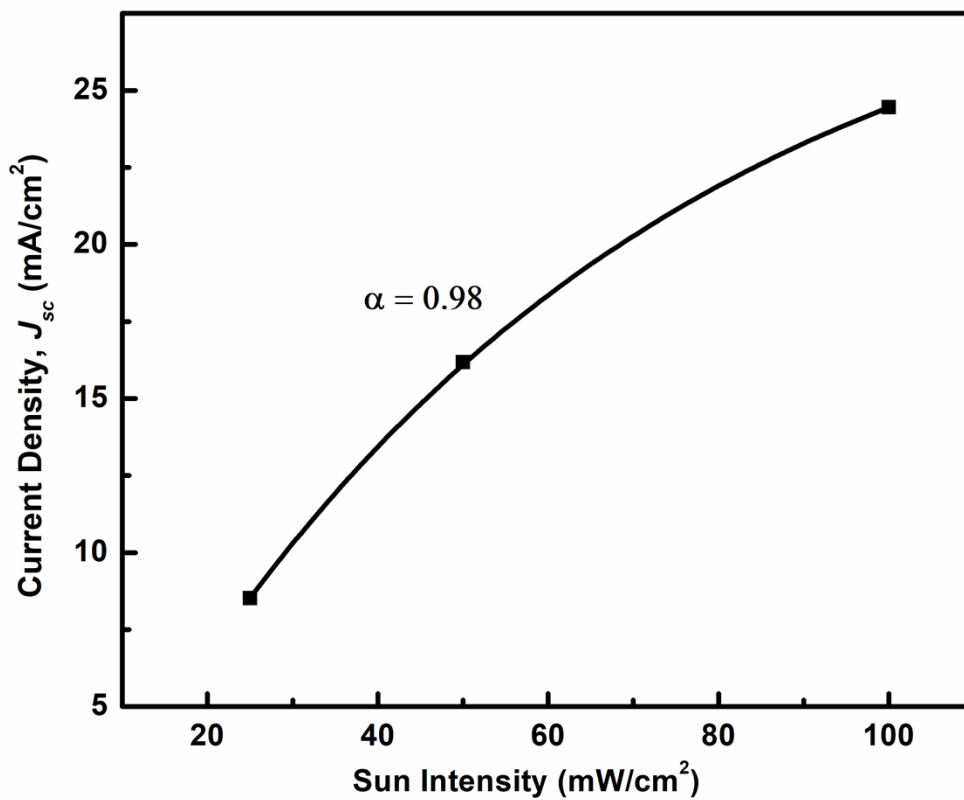


Fig. S2 Sun intensity dependence of the current density, J_{sc} . The data are fitted with the power law equation to determine the degree of linearity of the photocurrent with the sun intensity.