

## Supplementary Information

### **An Energy-Harvesting Scheme Employing CuGaSe<sub>2</sub> Quantum Dot-Modified ZnO Buffer Layers for Drastic Conversion Efficiency Enhancement in Inorganic-Organic Hybrid Solar Cells**

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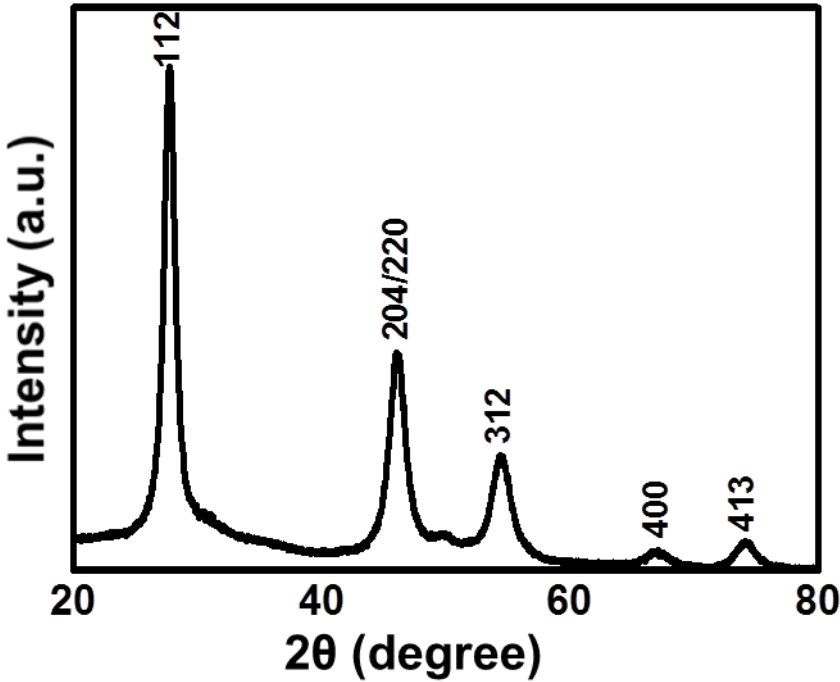


FIG. S1. The X-ray diffraction spectrum of CGS QDs.

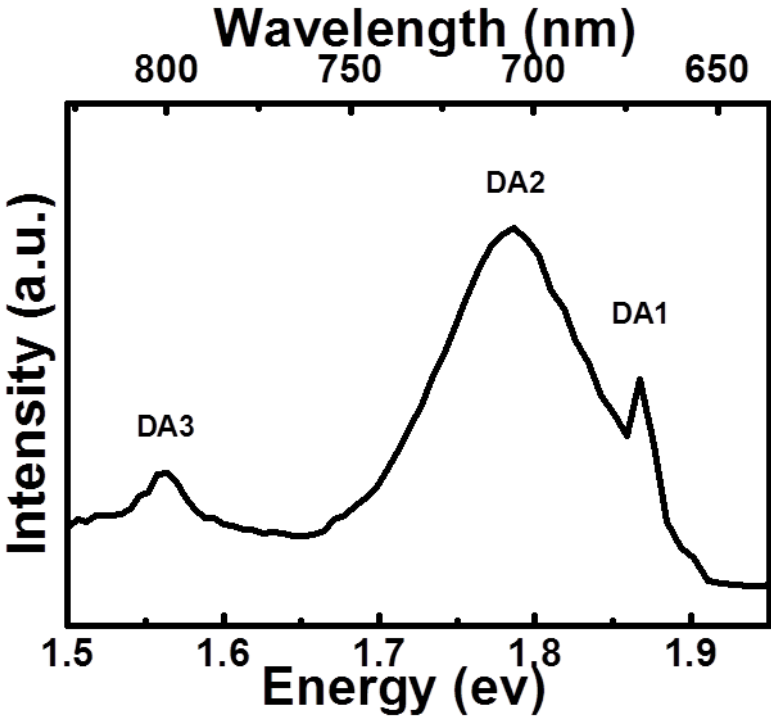


FIG. S2. The PL spectrum of CGS QDs.

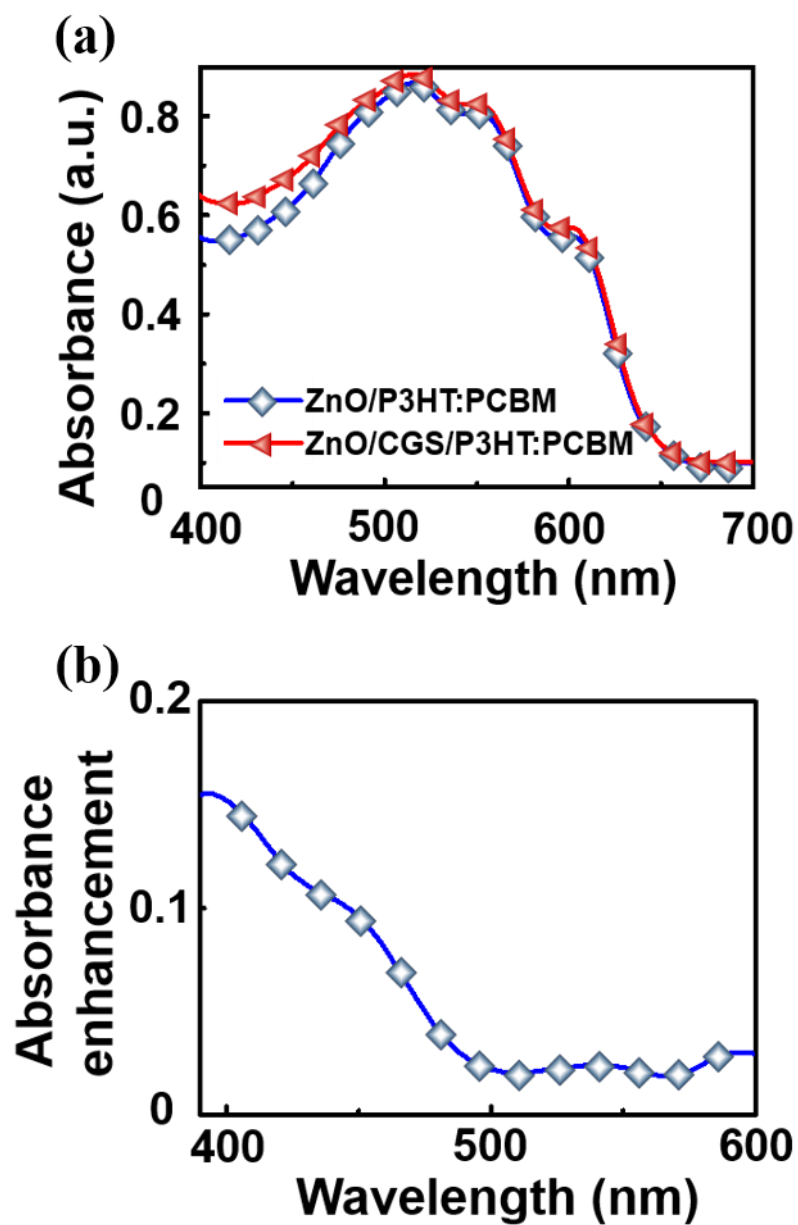


FIG. S3. (a) Absorbance spectra of OPVs with and without CGS QD modification. (b) Absorbance enhancement of OPVs with CGS QD modification.