

Supporting information

Interfacial Engineering of Quantum Dot-Sensitized TiO₂ Fibrous Electrodes for Futuristic Photoanodes in Photovoltaic Applications

P. Sudhagar,^a Victoria Gonzalez-Pedro, Iván Mora-Seró,^{b} Francisco Fabregat Santiago, Juan Bisquert,^b and Yong Soo Kang^{a*}*

*Corresponding authors:

Yong Soo Kang : (kangys@hanyang.ac.kr); and Ivan Mora-Sero (sero@fca.uji.es)

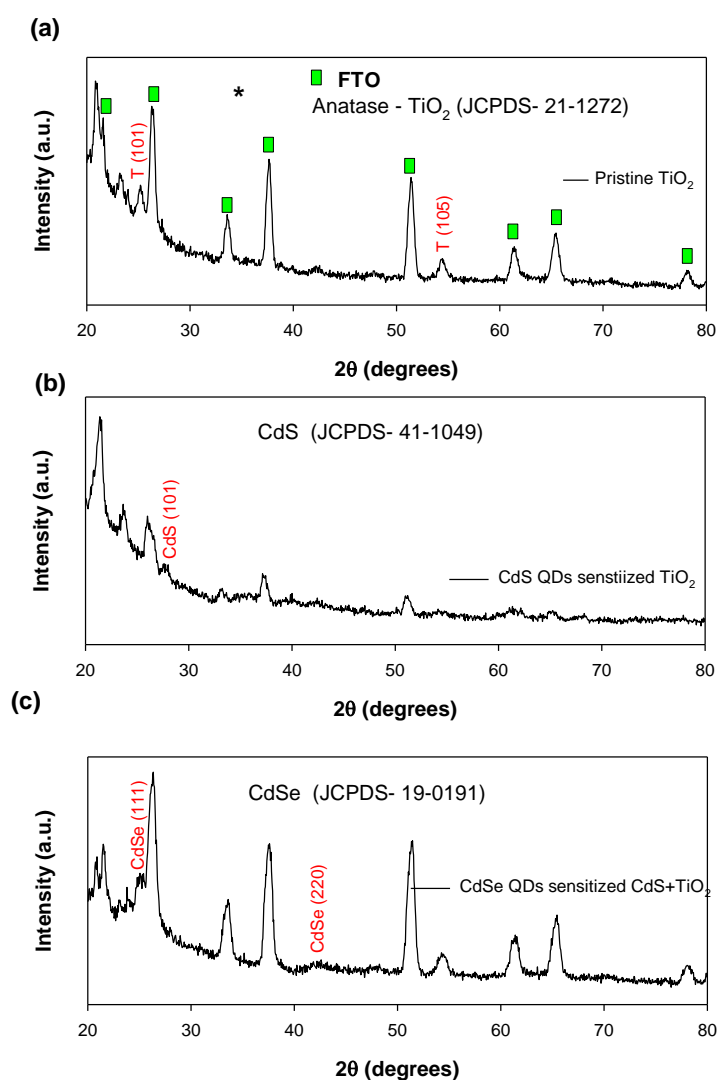


Fig. S1. XRD patterns of the (a) untreated TiO₂ fibrous electrodes. QDs sensitized TiO₂ fibrous electrodes using (b) CdS QDs and (c) CdSe QDs on CdS/TiO₂ (fibrous electrodes are untreated).

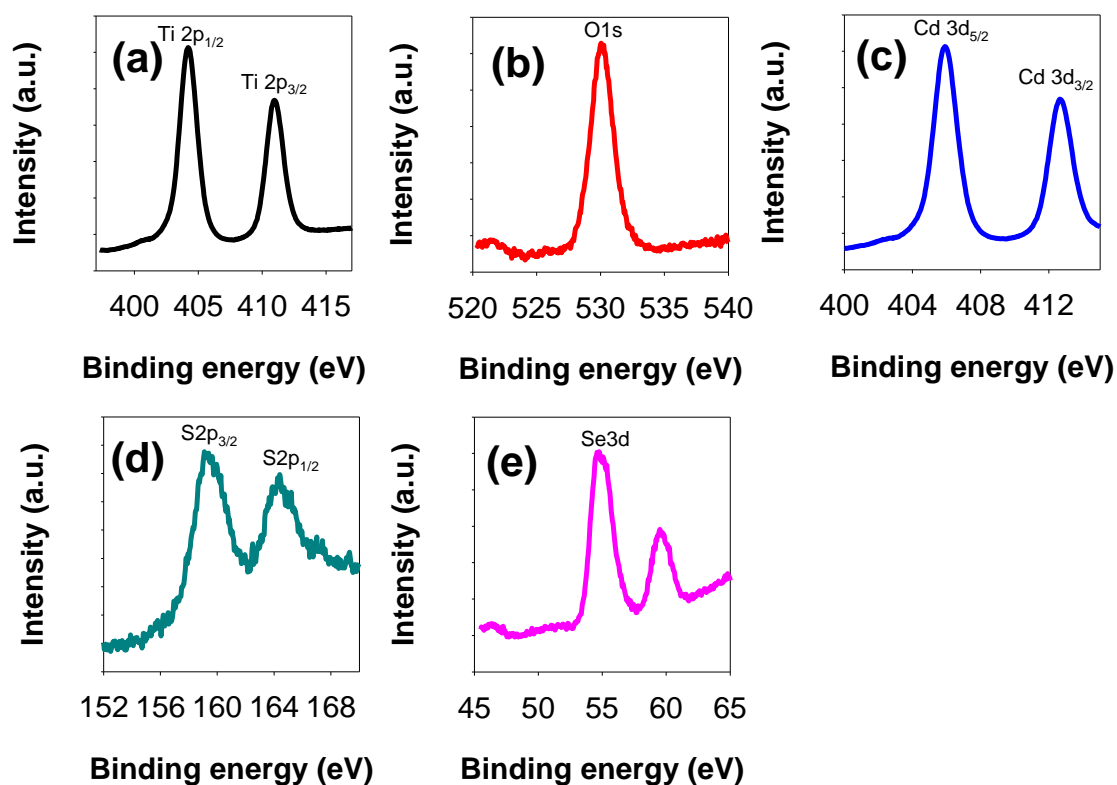


Fig S2. XPS spectra of CdSe/CdS QDs sensitized TiO₂ fibrous electrode (a) Ti 2p (b) O 1s (c) Cd 2p (d) S 1s and (e) Se 1s region.