## **Ferrocene-Decorated Nanocrystalline Cellulose with Charge Carrier Mobility**

## **Electronic Supporting Information**

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**Figure ESI-1.** FTIR spectra of (a) unmodified cellulose nanocrystals, (b) chlorinated cellulose nanocrystals, (c) azidated cellulose nanocrystals, and (d) ferrocenyl cellulose nanocrystals.



**Figure ESI-2**. Transmission electron micrograph of unstained ferrocenyl cellulose nanocrystals.



**Figure ESI-3.** AFM image (with (A) = height, (B) = phase, (C) = topography) of a ferrocenyl-cellulose film on ITO substrate. Similar images are obtained for cellulose films without ferrocene functionalization.