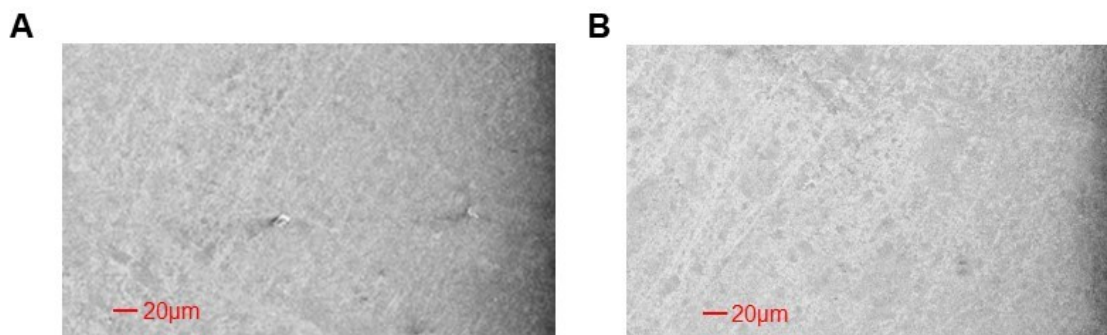
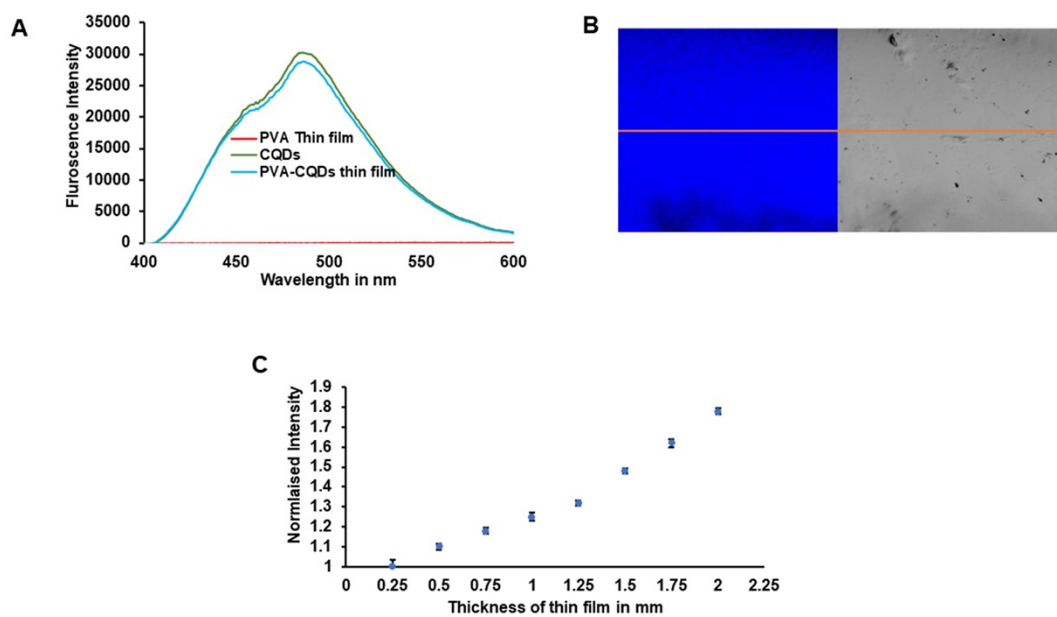


## Supplementary Information



**Figure S1:** SEM images of: A) PVA thin film, B) PVA-CQDs thin film



**Figure S2:** Characterization of synthesized CQDs thin film: A) Fluorescence emission of PVA, CQDs & PVA-CQDs thin film, B) CLSM analysis of CQDs thin film and C) Effect of thickness of fluorescence emission of CQDs thin film,