

Supporting Information

Water Dissolvable MoS₂ Quantum Dots/ PVA film as an Active Material for Destructible Memristor

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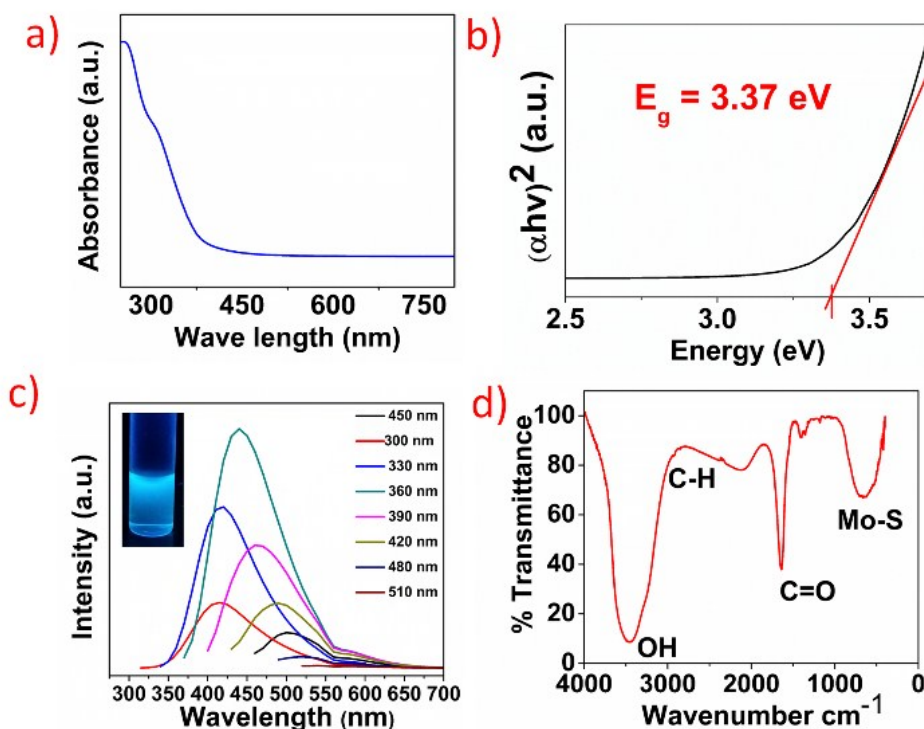


Figure S1: a) UV-Vis Absorption spectra of MoS₂ QDs b) Tauc plot of MoS₂ QDs c) Strong fluorescence exhibited by MoS₂ QDs under 365 nm UV light illumination and the Photoluminescence spectra of MoS₂ QD with different excitation wavelength from 300-510 nm d) FTIR spectra of the surface functionalized MoS₂ QDs.