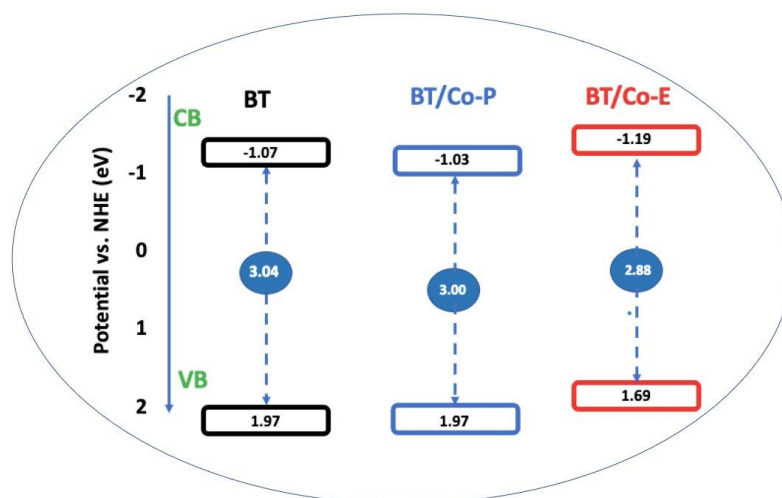
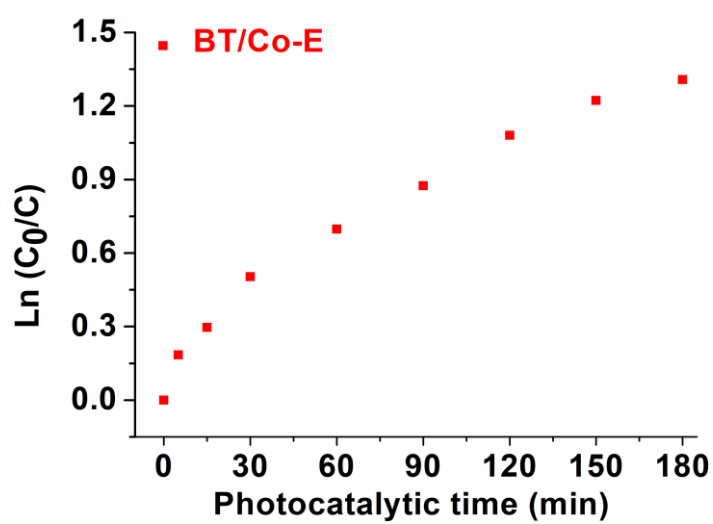


## Supplementary Materials



**Figure S1.** Schematic energy-level diagram of the BT, BT/Co-P and BT/Co-E photoelectrodes.



**Figure S2.** Photodegradation kinetics curve of DOX, pH=6.5