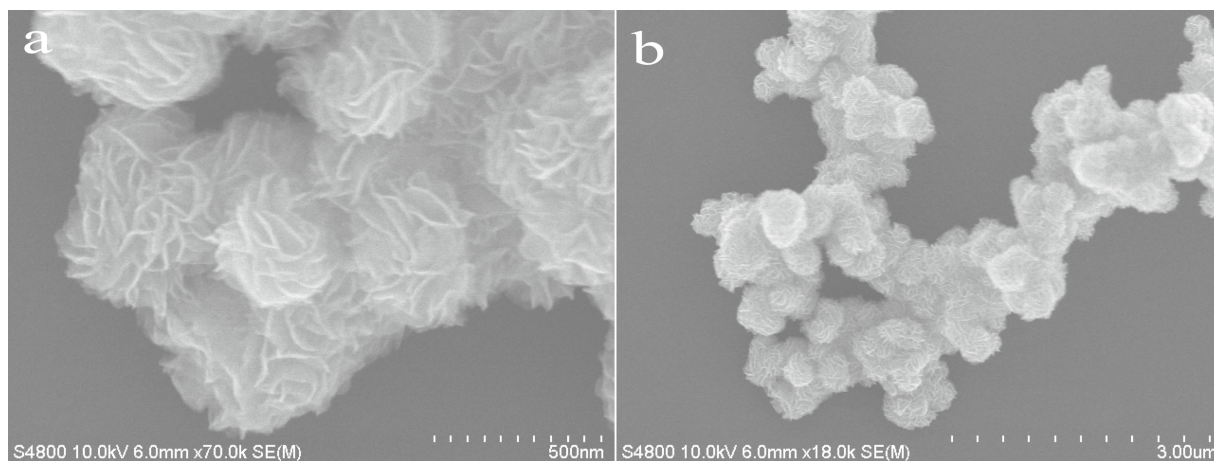
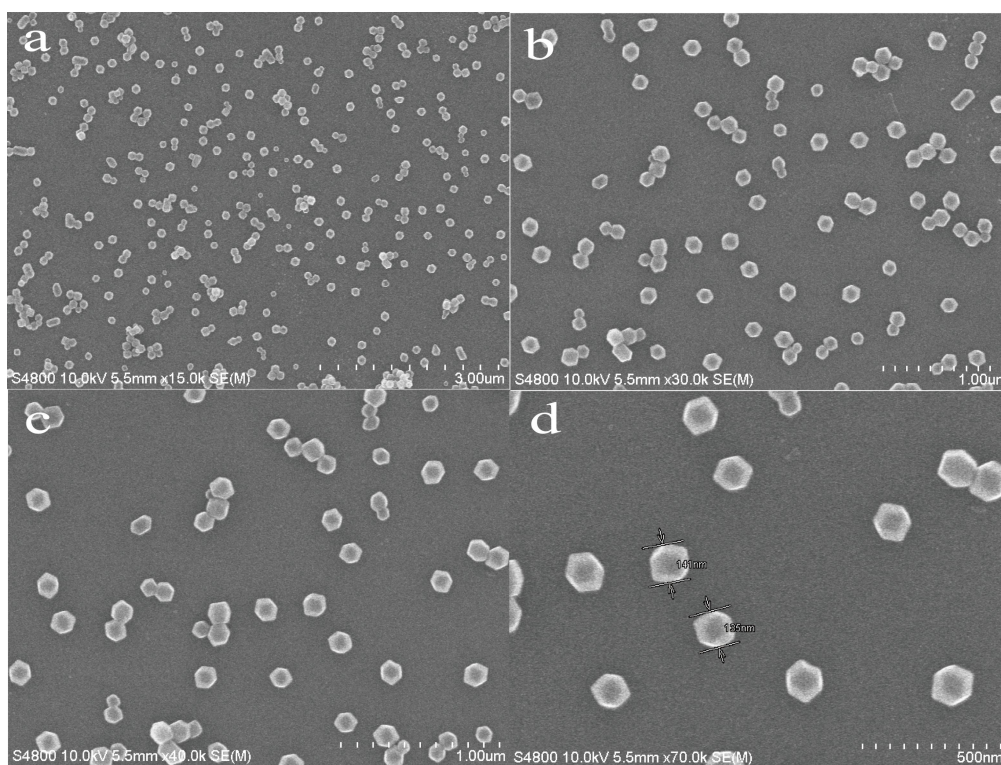


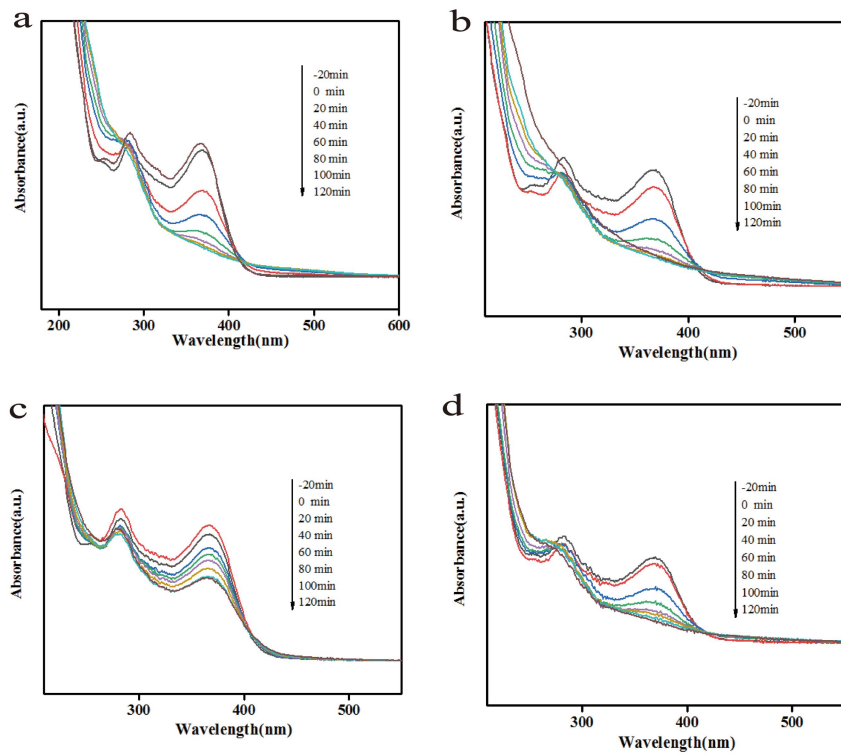
Supporting information



FigS1. SEM images of pure MoS₂ produced by thiourea and ammonium molybdate



FigS2. SEM images of ZIF-8



FigS3. Absorption spectra of TC-H solution collected during photodegradation of a)ZM1 b)ZM2 c)ZM3 d)ZM4