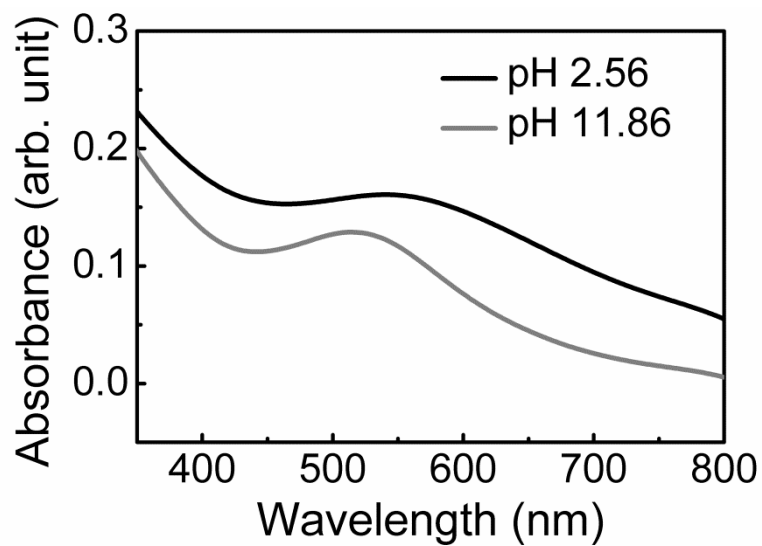
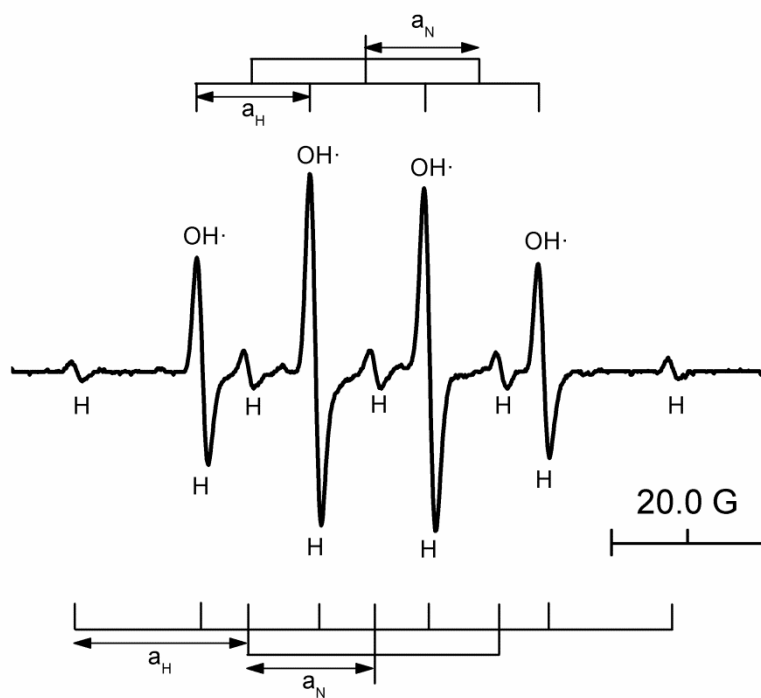


SUPPORTING INFORMATION



**Figure S1.** UV-visible spectra of MUA-Au solution synthesized under acidic condition obtained before and after adjusting the pH to about 12.



**Figure S2.** EPR spectrum of spin adducts DMSO-OH from our X-ray irradiated

solution and the corresponding reaction for production of DMSO-OH.