

Supporting Information

Captions of Figures:

Figure S1 The S2p spectra of $-\text{SO}_3\text{H}/-\text{NH}_2$ mixed SAMs as the function of mole fraction of $-\text{SO}_3\text{H}$ thiol ($X_{\text{SO}_3\text{H},\text{soln}}$) prepared by (a) 10% NH_4OH (v/v) ethanolic solution and (b) DMSO.

Figure S2 The N1s spectra of $-\text{SO}_3\text{H}/-\text{NH}_2$ mixed SAMs as the function of mole fraction of $-\text{SO}_3\text{H}$ thiol ($X_{\text{SO}_3\text{H},\text{soln}}$) prepared by (a) 10% NH_4OH (v/v) ethanolic solution and (b) DMSO.

Figure S3 The representative SEM micrograph (2000 \times) of adherent platelets on $-\text{SO}_3\text{H}/-\text{NH}_2$ mixed SAMs as the function of $X_{\text{SO}_3\text{H},\text{soln}}$ prepared by (a) 10% NH_4OH (v/v) ethanolic solution and (b) DMSO.

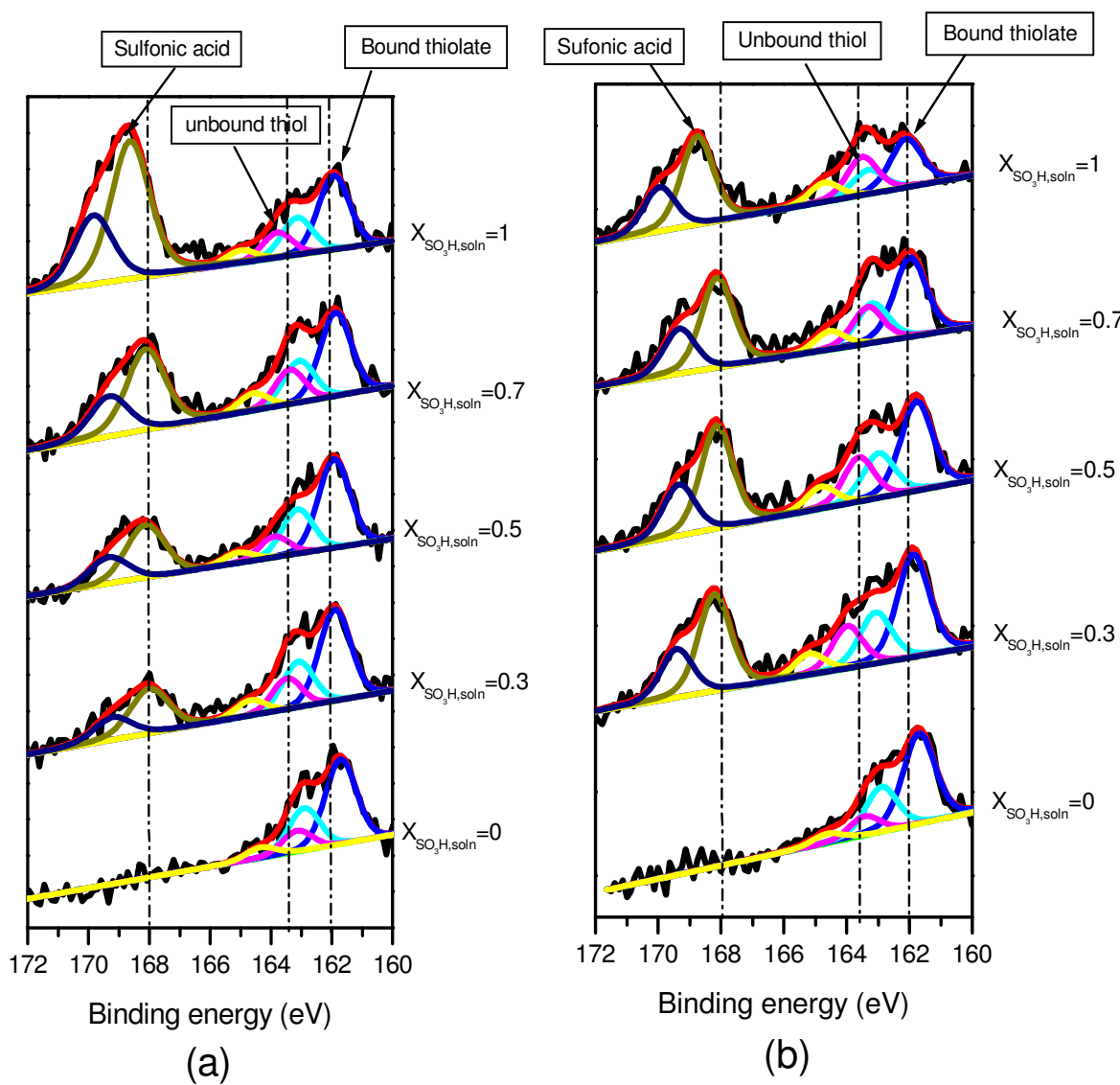


Figure S1 The S₂p spectra of $-\text{SO}_3\text{H}/-\text{NH}_2$ mixed SAMs as the function of mole fraction of $-\text{SO}_3\text{H}$ thiol ($X_{\text{SO}_3\text{H},\text{soln}}$) prepared by (a) 10% NH_4OH (v/v) ethanolic solution and (b) DMSO.

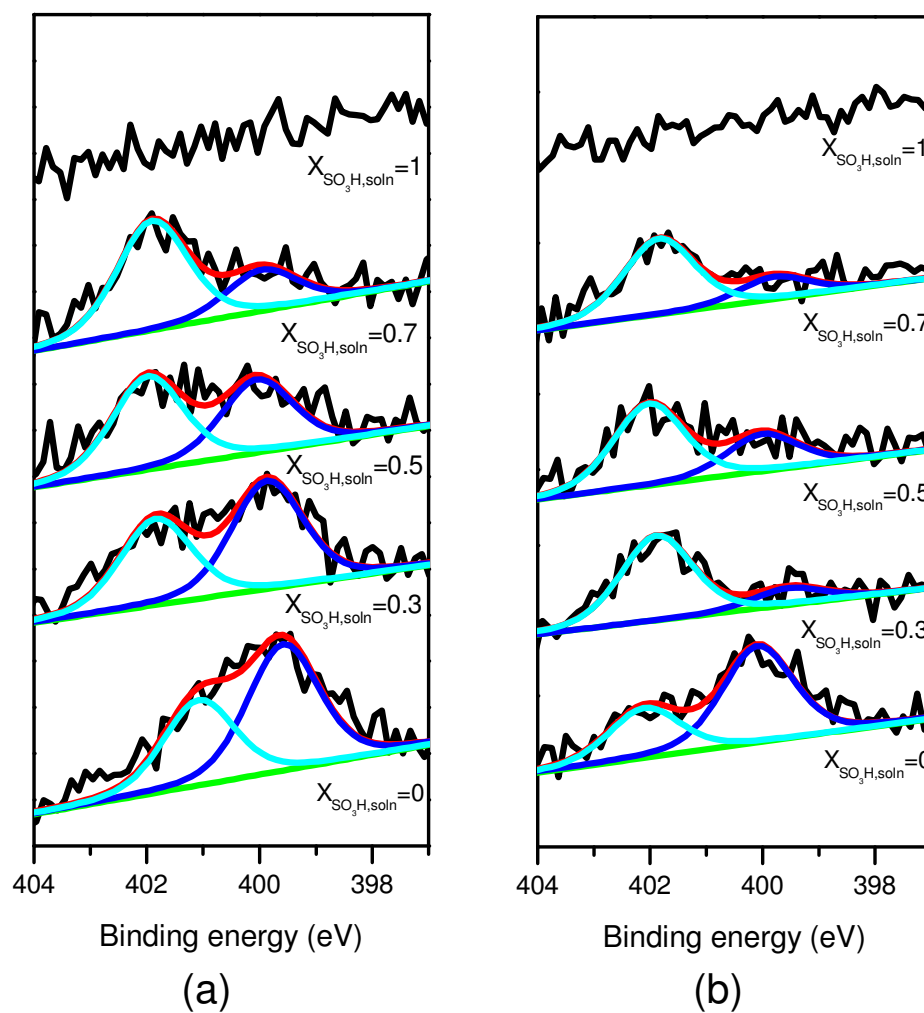


Figure S2 The N1s spectra of $-\text{SO}_3\text{H}/-\text{NH}_2$ mixed SAMs as the function of mole fraction of $-\text{SO}_3\text{H}$ thiol ($X_{\text{SO}_3\text{H},\text{soln}}$) prepared by (a) 10% NH_4OH (v/v) ethanolic solution and (b) DMSO

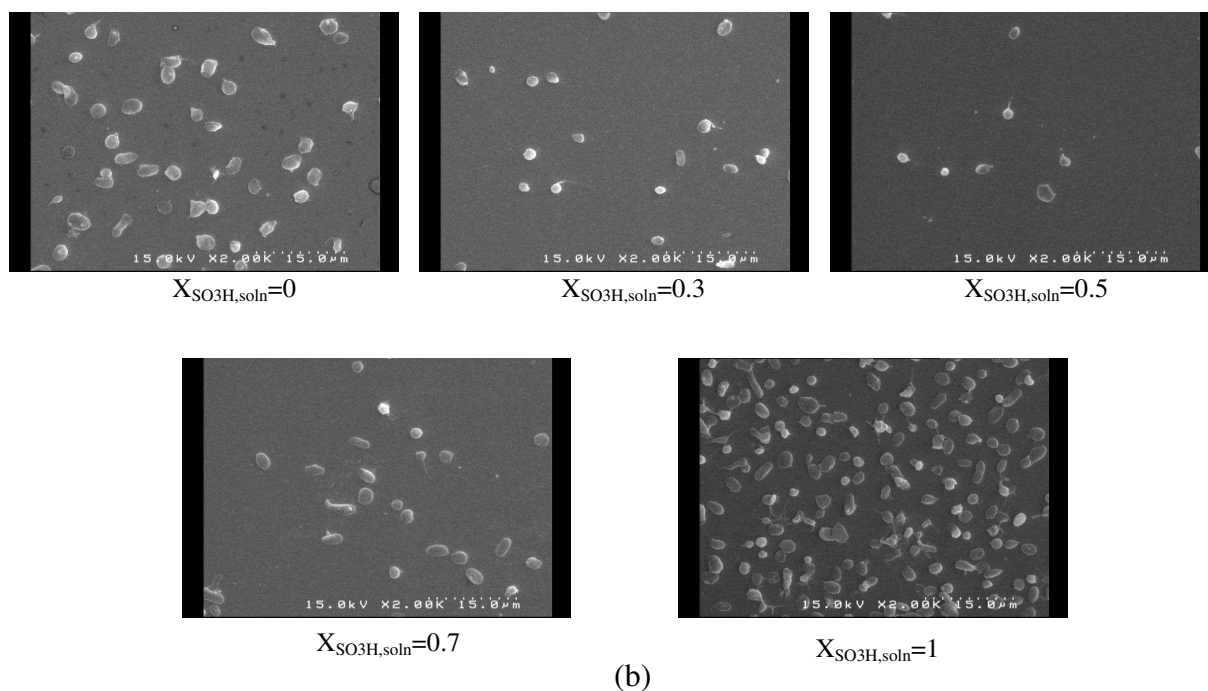
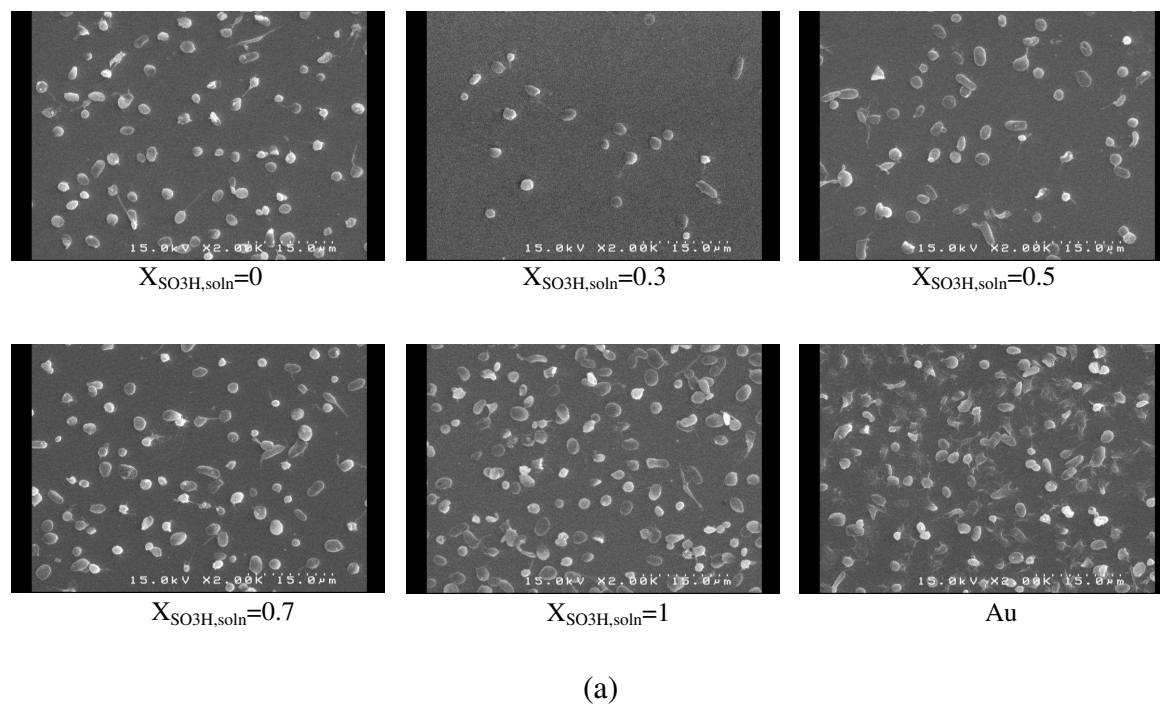


Figure S3 The representative SEM micrograph (2000×) of adherent platelets on -SO₃H/-NH₂ mixed SAMs as the function of X_{SO₃H,soln} prepared by (a) 10% NH₄OH (v/v) ethanolic solution and (b) DMSO.