

Supporting Information

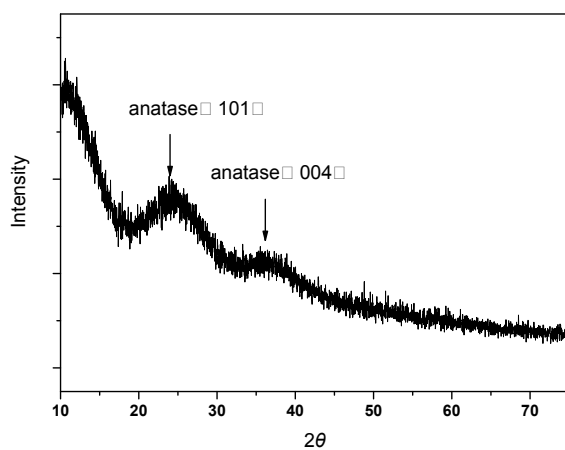


Fig. S1 The XRD results of the gel, indicating the amorphous nature.

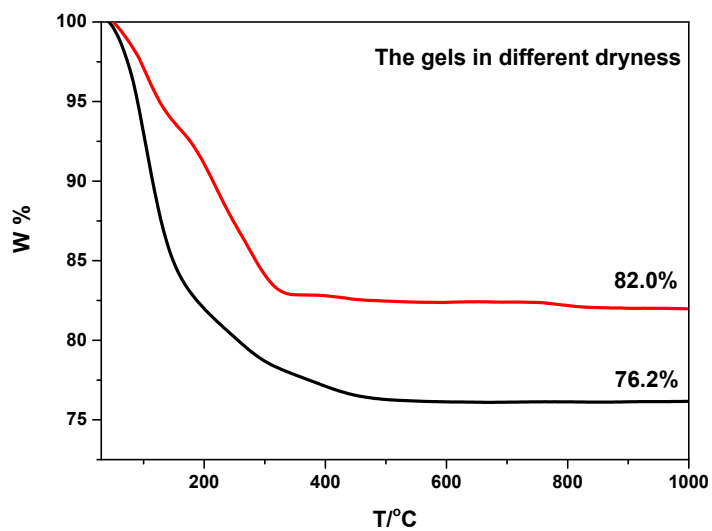


Fig. S2 The TG results of the gels in different dryness.

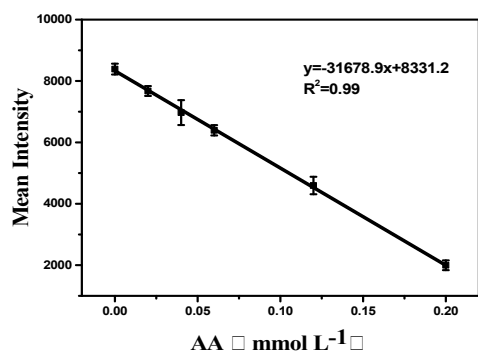


Fig. S3 The linear relationship between PI-TiO fluorescence intensities at 542 nm and concentration of AA. Error bars are standard deviations of repetitive experiments (n =3)

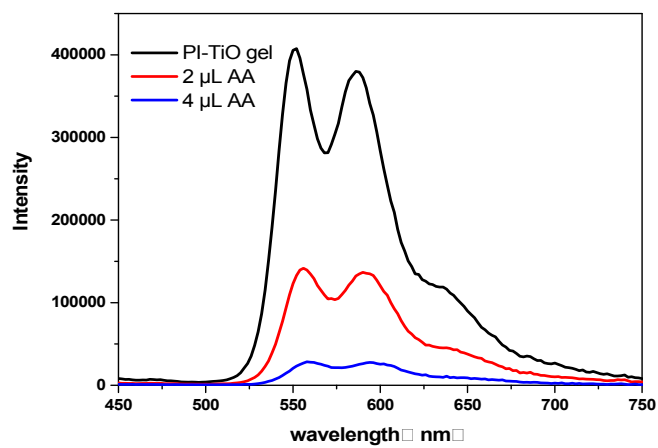


Fig. S4 The photographs of the fluorescence of the PI-TiO gel added by AA solution (300 μM).

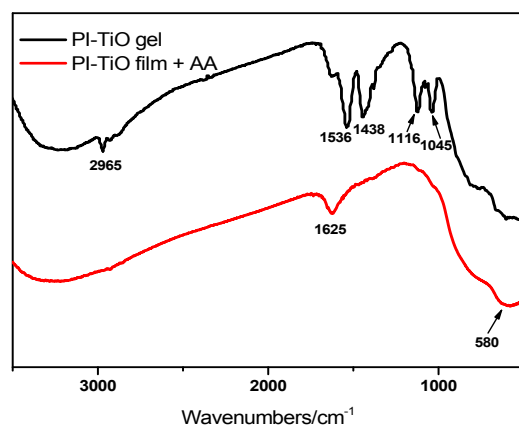


Fig. S5 The FTIR spectrum of the PI-TiO gel and PI-TiO film after binding with AA.