

Electronic supplementary information

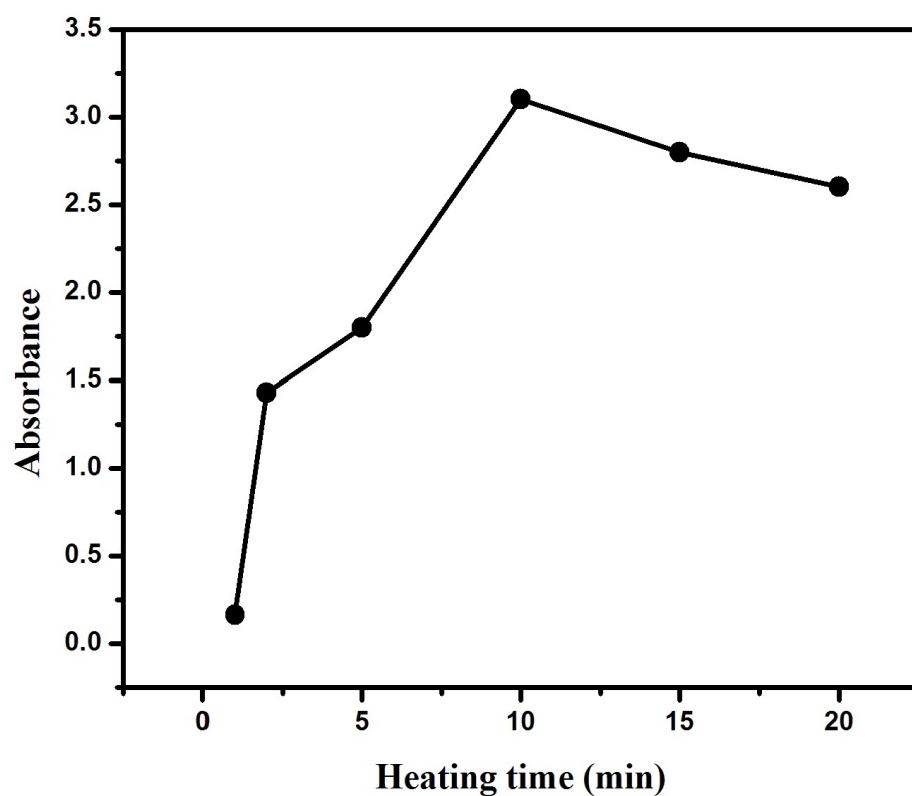


Figure S1. Effect of heating time on the absorption intensity of green synthesized silver nanoparticles

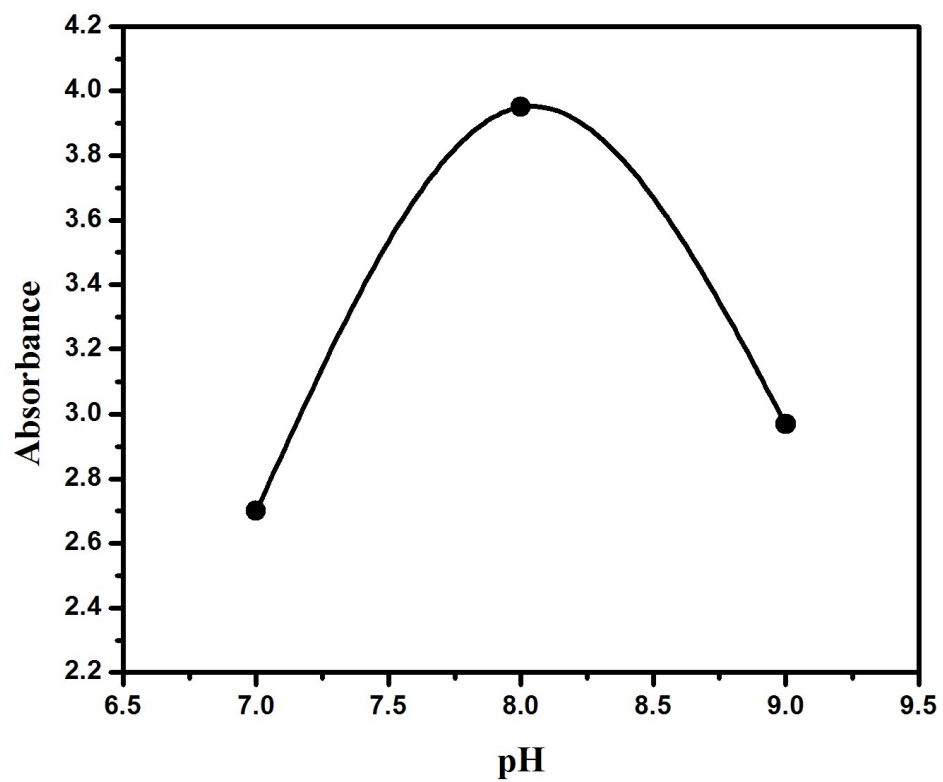


Figure S2. Effect of pH on the absorption intensity of green synthesized silver nanoparticles

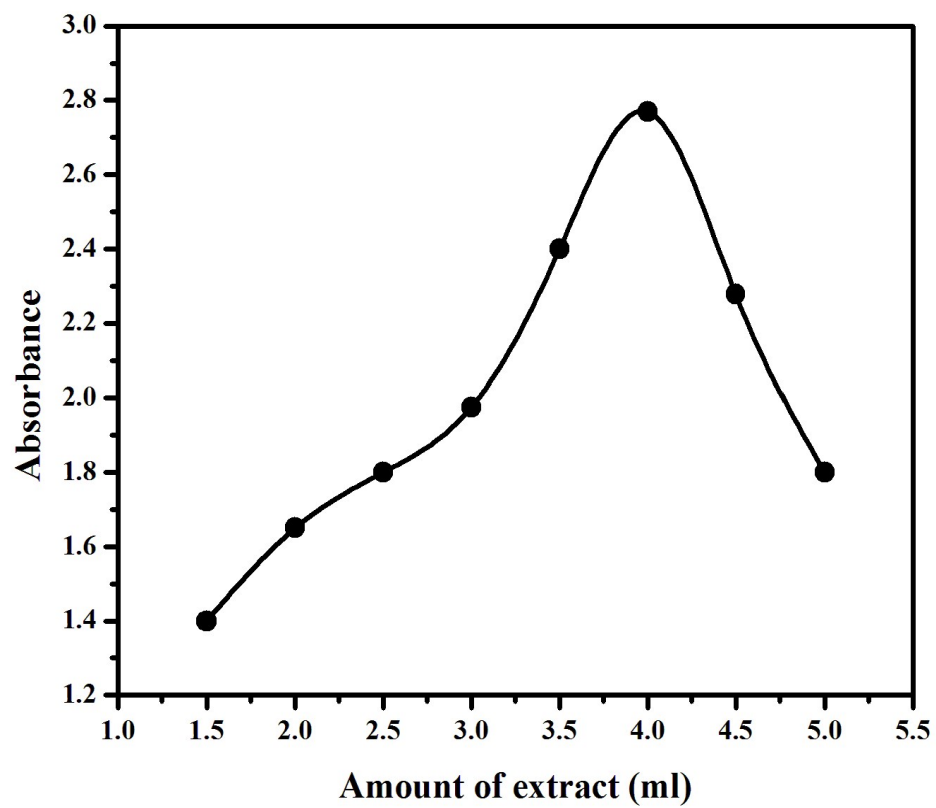
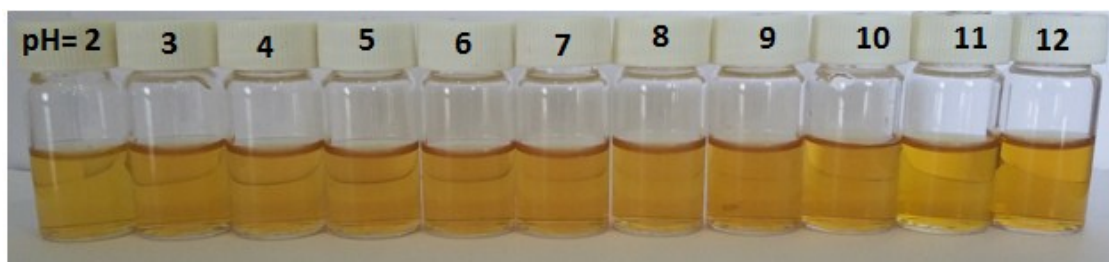


Figure S3. Effect of the amount of plant extract on the absorption intensity of silver nanoparticles

(A)



(B)

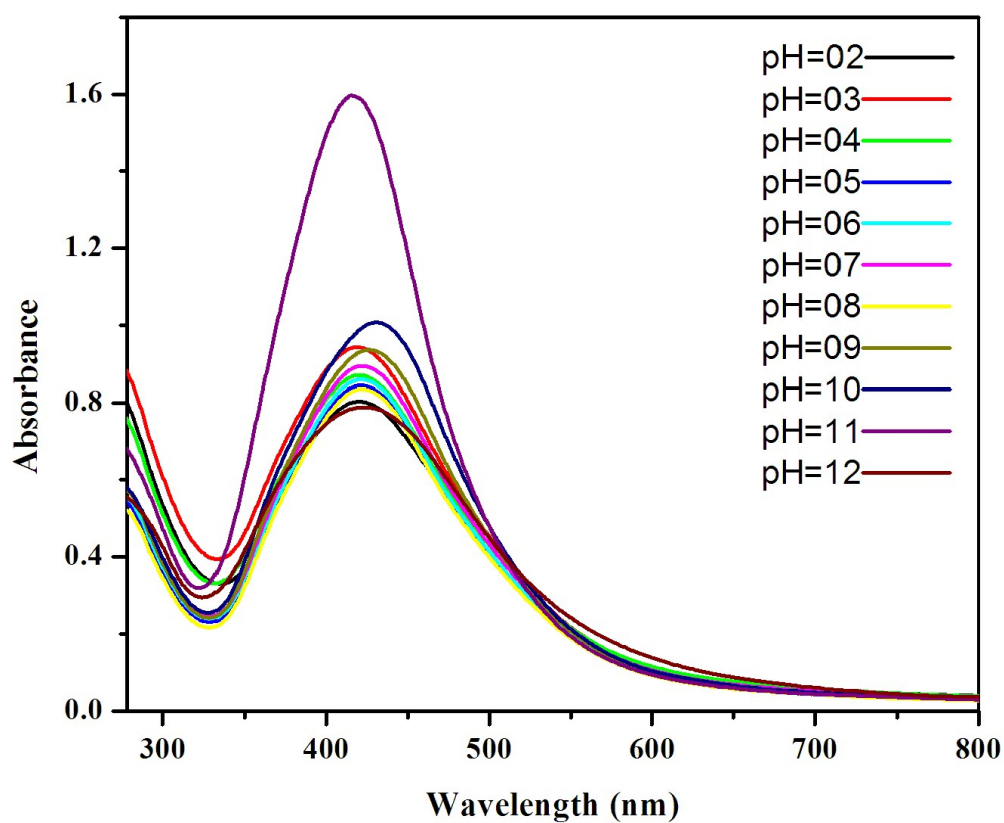


Figure S4. (A) Photograph of AgNPs solution at various pH. (B) Corresponding UV absorption spectra of the AgNPs solution recorded at different pH (2 –12). 1 ml of AgNPs solution was diluted upto 10 ml deionized water.

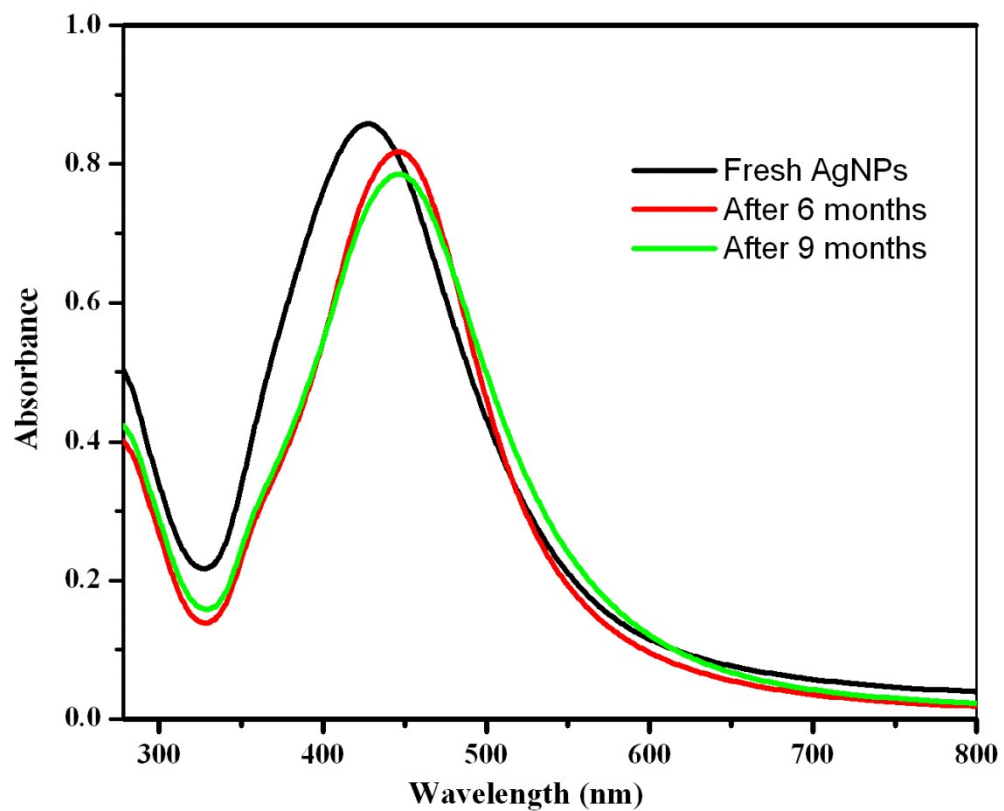


Figure S5. UV absorption spectra of AgNPs showing the stability with time.

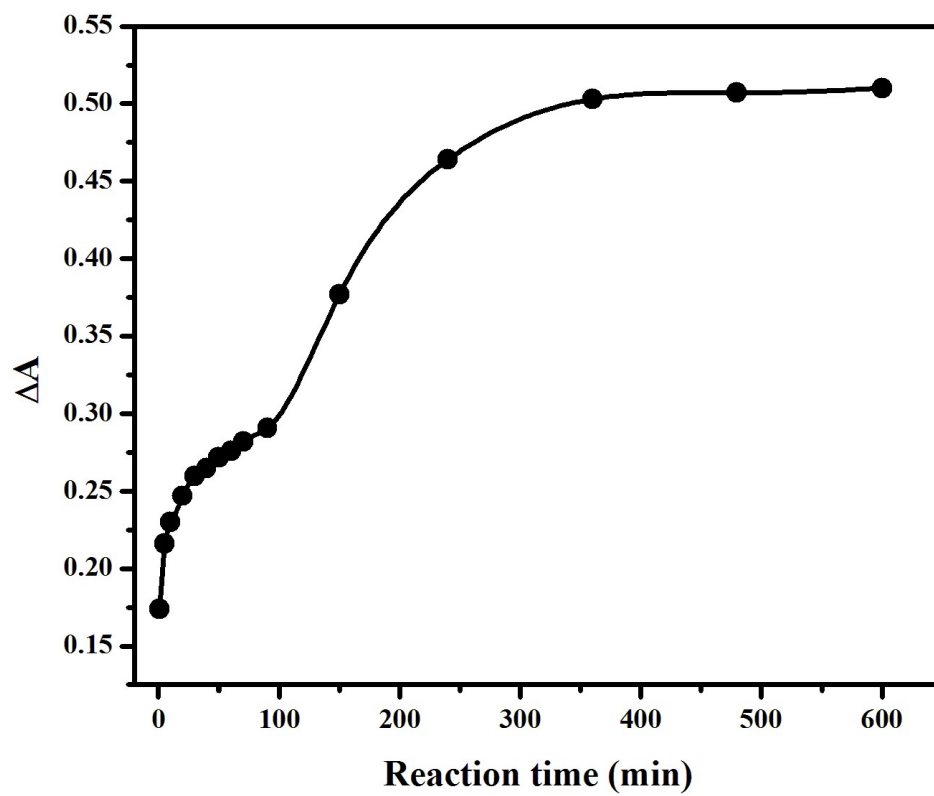


Figure S6. Effect of reaction time on the change of absorption intensity of silver nanoparticles solution upon the addition of 1×10^{-4} M Zn^{2+}