

Figure S1. UV-visible spectra of gold nanoparticles at different concentration of metal ions.

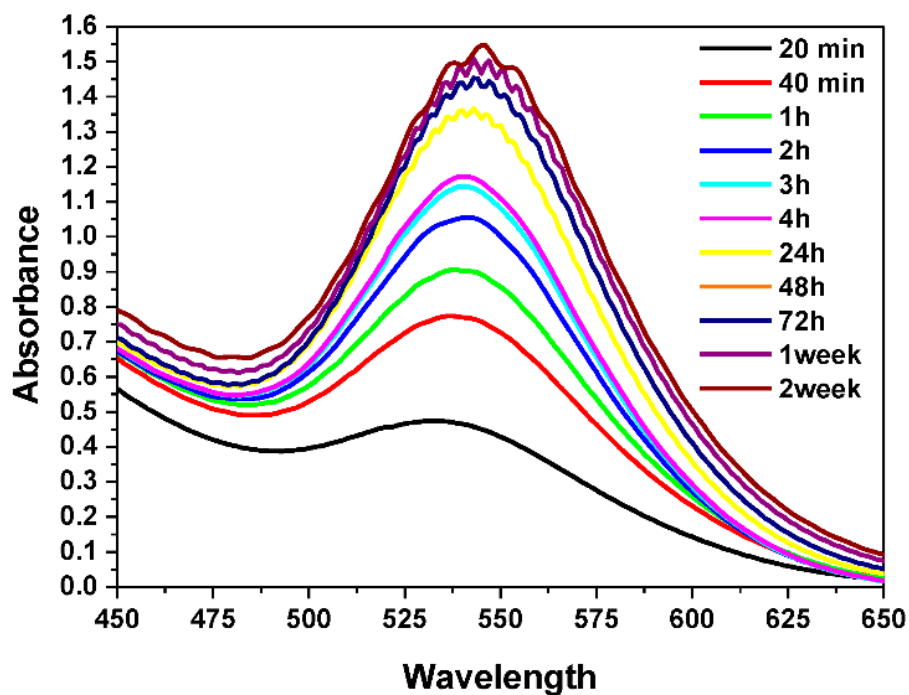


Figure S2. UV-visible spectra of Au NPs as a function of time at room temperature.

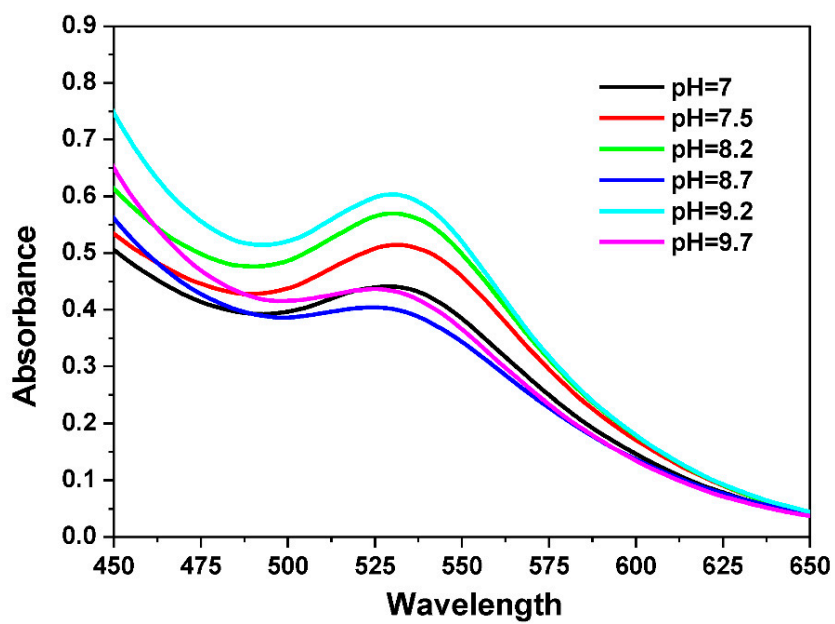
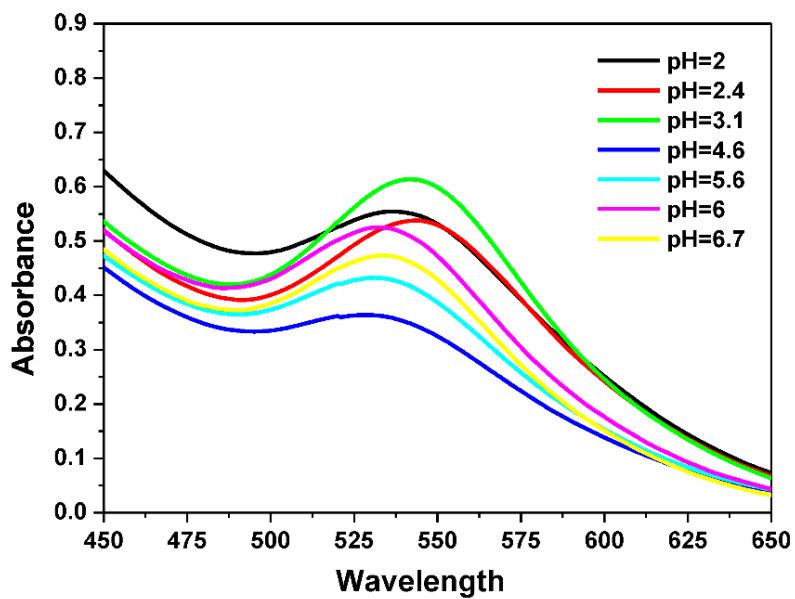


Figure S3. Effect of pH on the formation of Au NPs.

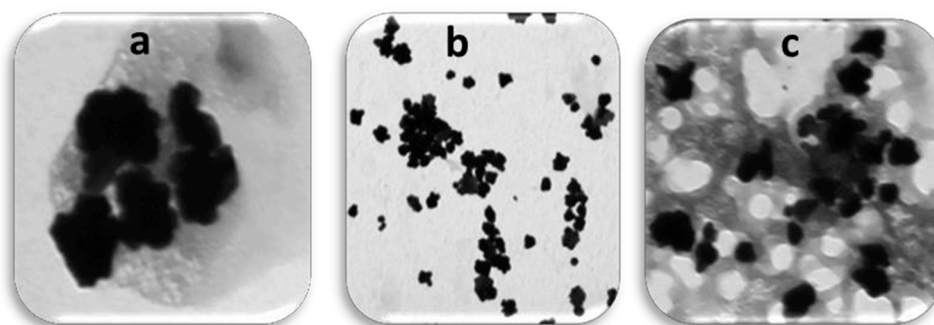


Figure S4. TEM images of Au NPs at (A) pH = 3.1 (B) pH = 6.7 and (c) pH = 9.7.

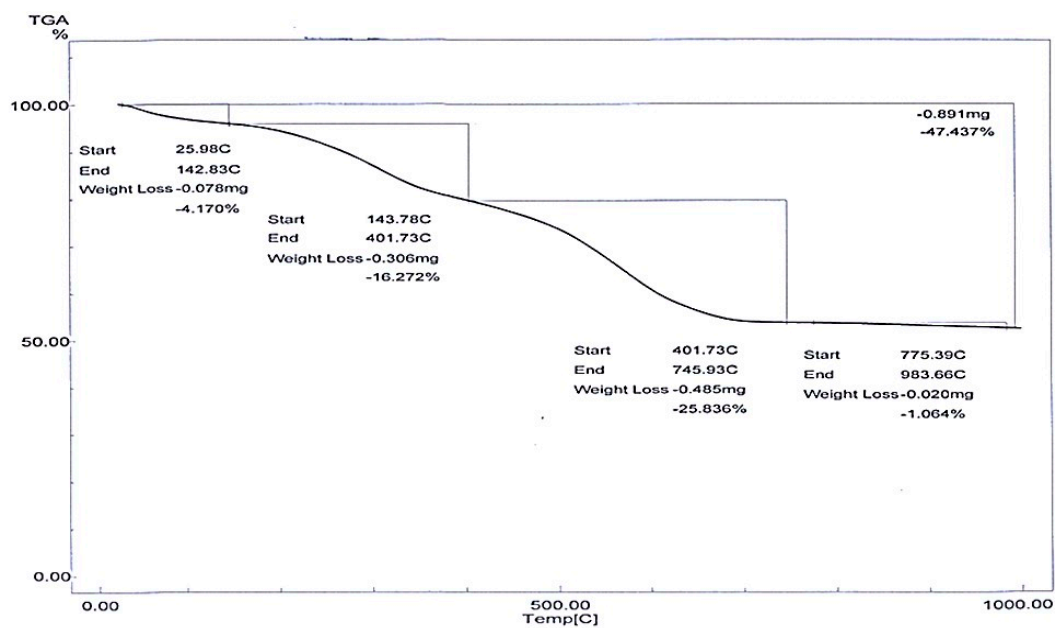


Figure S5. TGA thermogram of capped Au NPs prepared using mallow leaf extract.

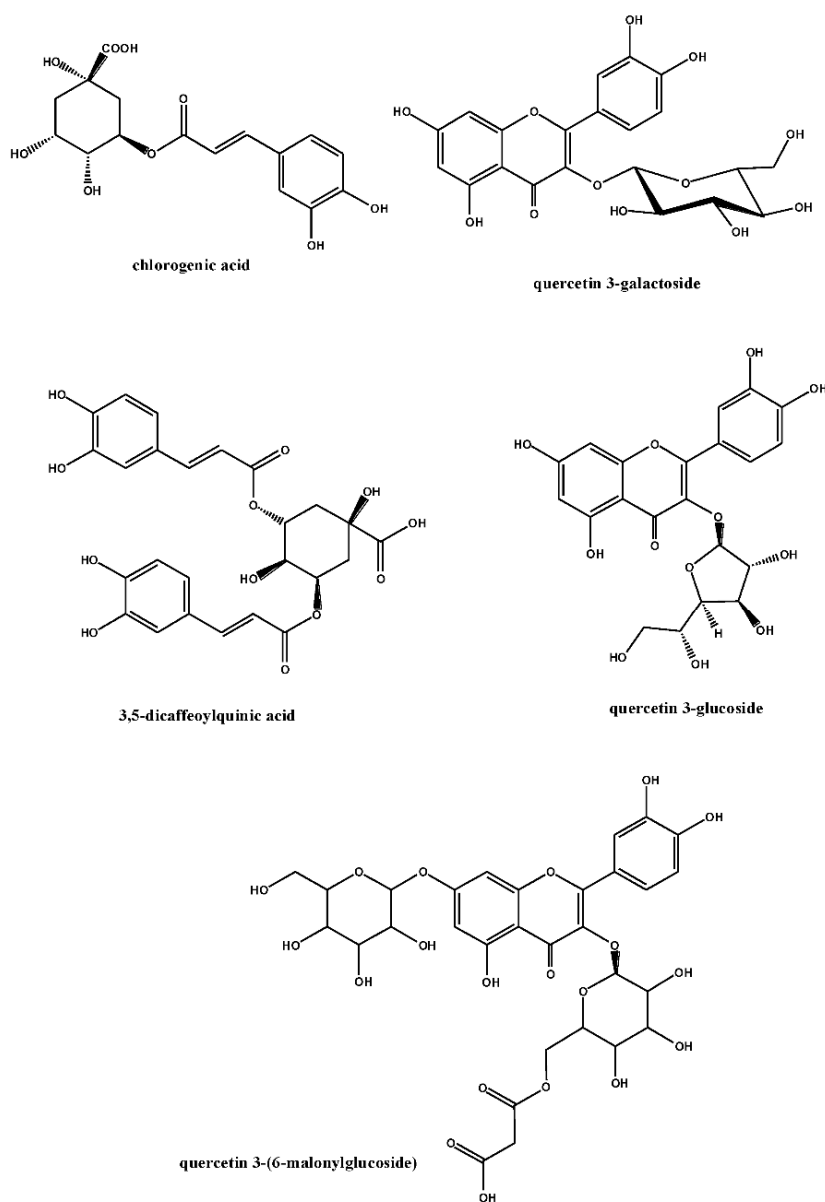


Figure S6. Main components of *Corchorus olitorius*.