Selective Colorimetric Sensing of Toxic Metal Cations by Green Synthesized Silver Nanoparticles at Wide *pH* range

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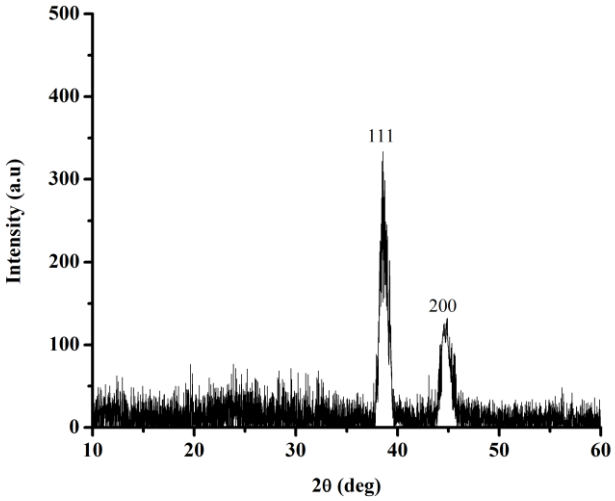

Figure S1. PXRD pattern of NB-AgNPs.

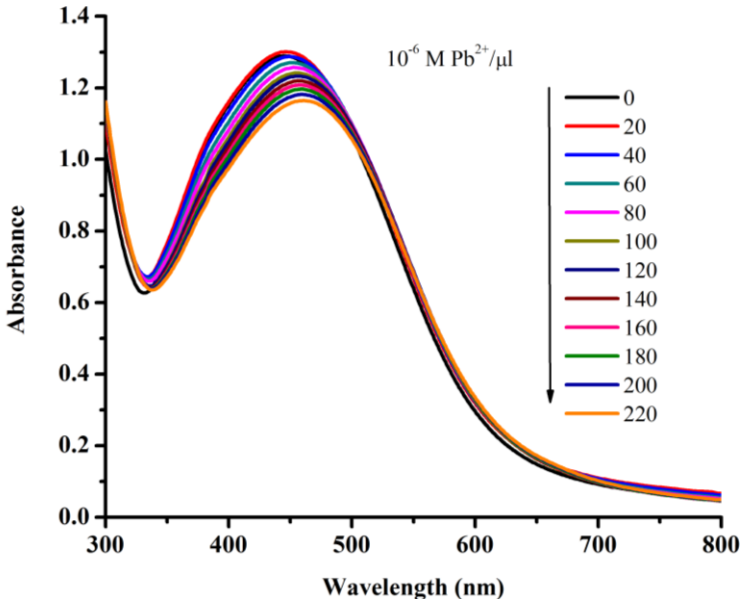

Figure S2. Concentration dependent absorption studies of ND-AgNPs with Pb^{2+}.

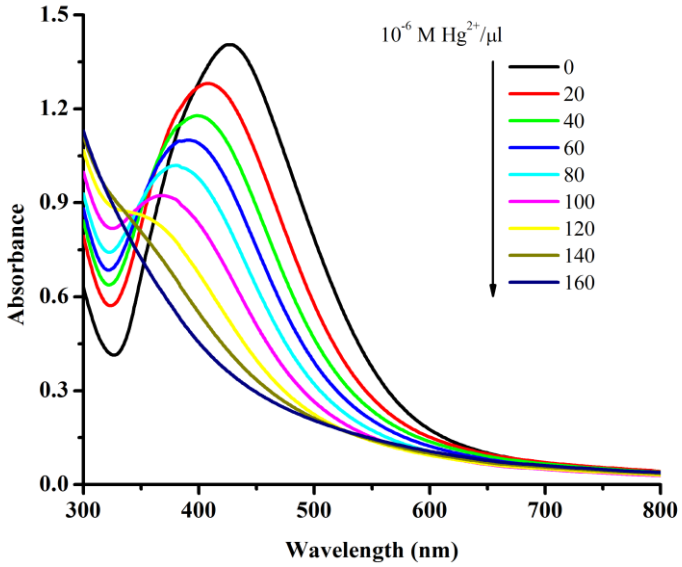

Figure S3. Concentration dependent absorption studies of MF-AgNPs with Hg^{2+}.

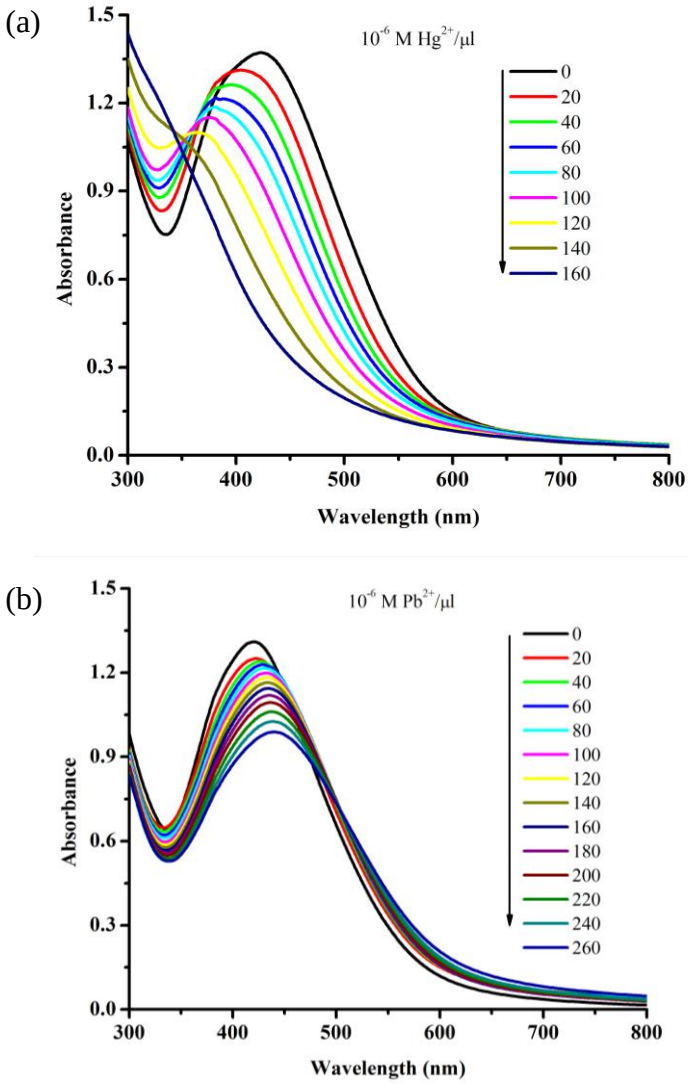

Figure S4. Concentration dependent absorption studies of MD-AgNPs with (a) Hg^{2+} and (b) Pb^{2+}.

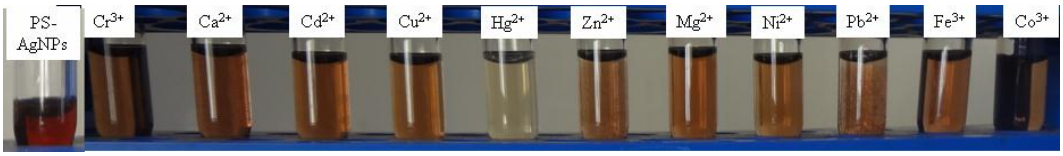

Figure S5. Digital images PS-AgNPs with different metal ions.

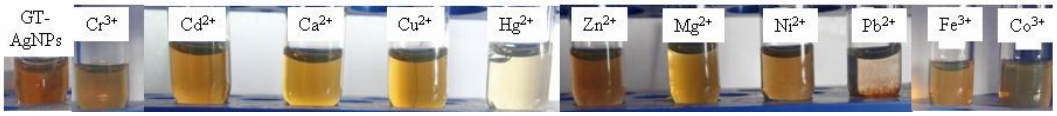

Figure S6. Digital images GT-AgNPs with different metal ions.

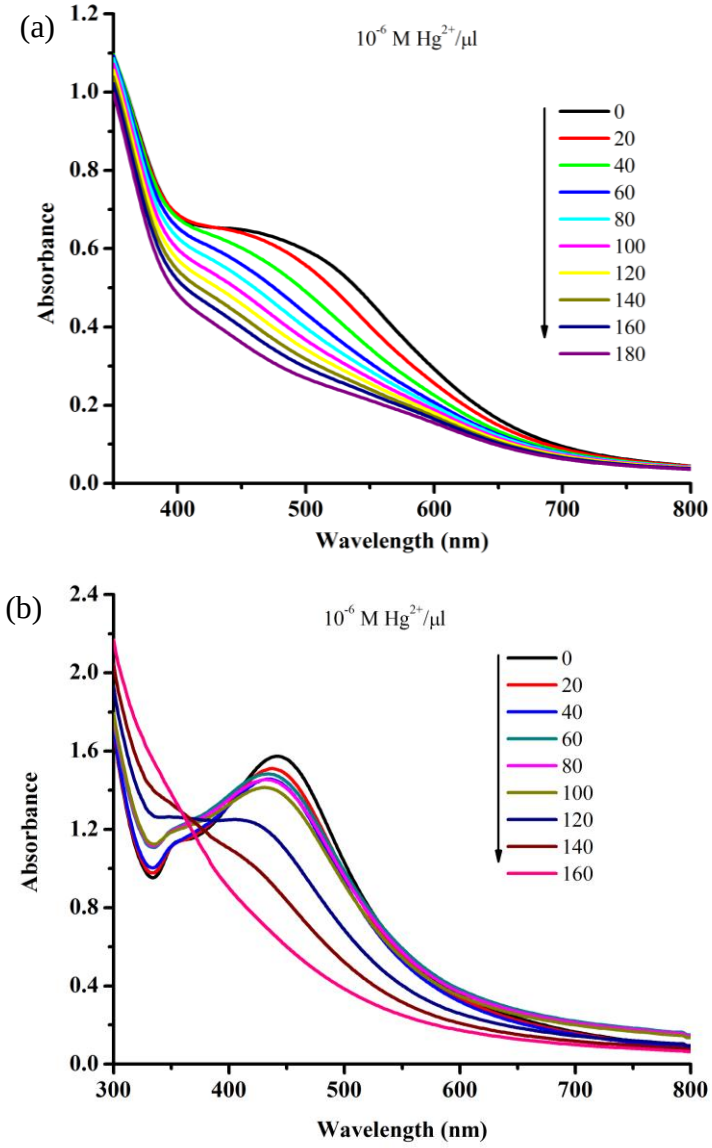

Figure S7. Concentration dependent absorption studies of Hg^{2+} with (a) PS-AgNPs and (b) GT-AgNPs.

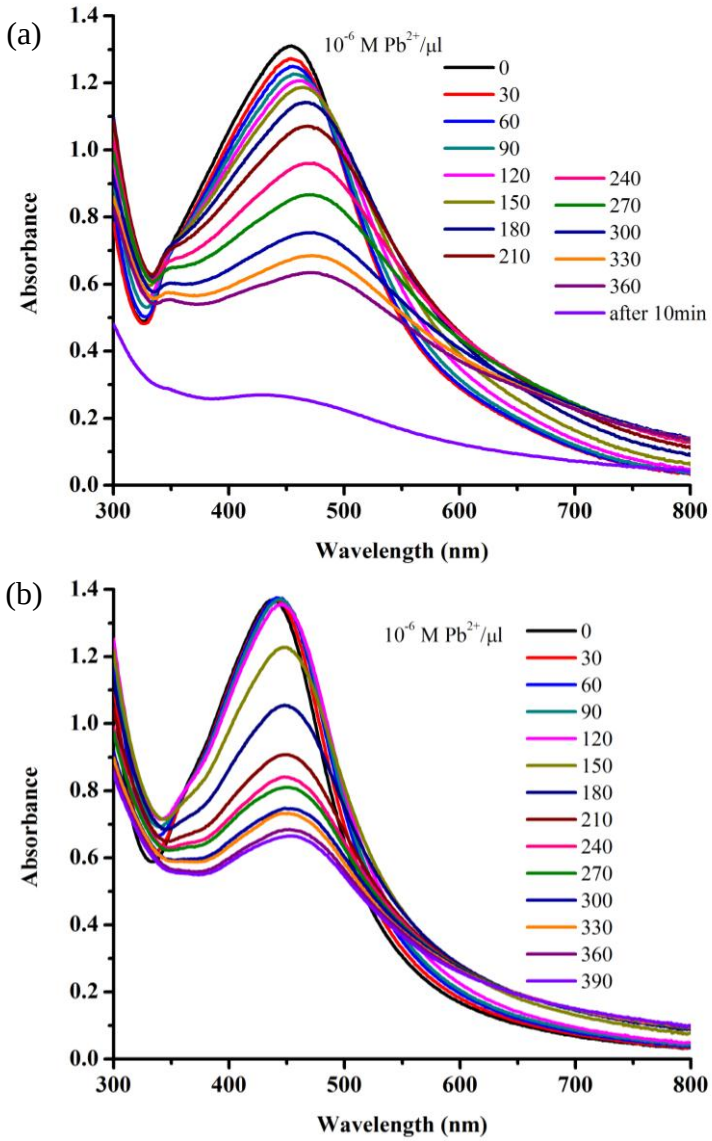

Figure S8. Concentration dependent absorption studies of Pb^{2+} with (a) PS-AgNPs and (b) GT-AgNPs.

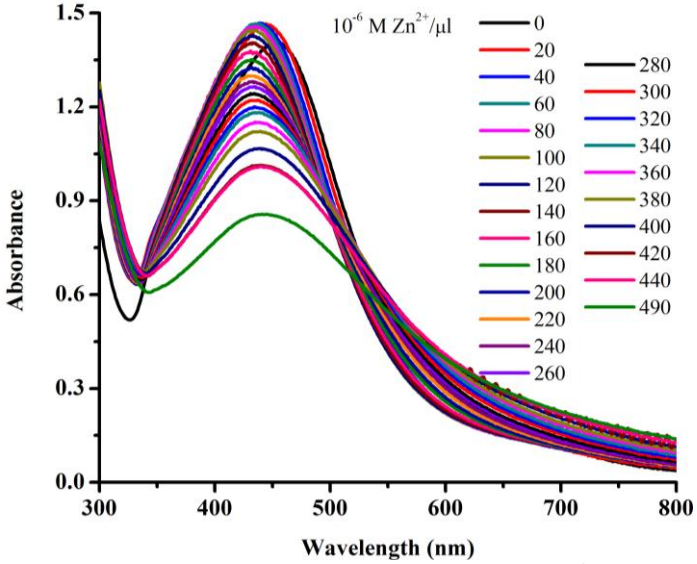

Figure S9. Concentration dependent absorption studies of Zn^{2+} with PS-AgNPs.

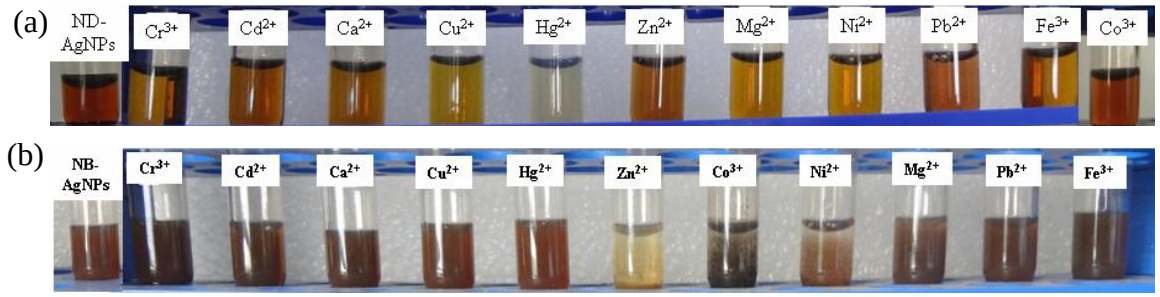

Figure S10. Digital images of (a) ND-AgNPs and (b) NB-AgNPs with different metal ions.

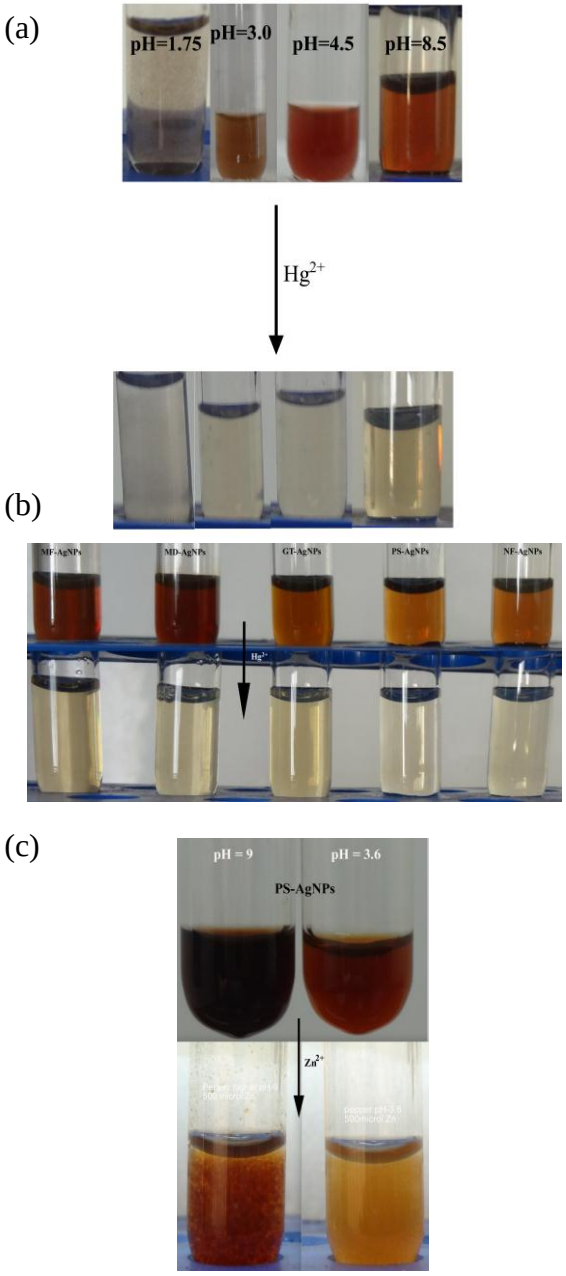

Figure S11. Digital images of (a) NF-AgNPs with Hg^{2+} at different *pH*, (b) Hg^{2+} sensing of green synthesized NPs in tape water and (c) Zn^{2+} sensing of PS-AgNPs in tap water at different *pH*.