

Supporting Information

One pot synthesis of water soluble highly fluorescent silica nanoparticles

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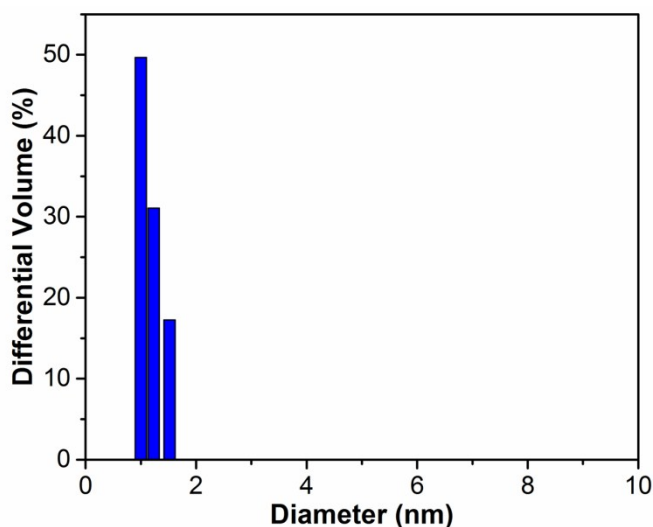


Figure S1 Hydrodynamic size of the synthesized silica nanoparticles in water, determined by DLS.

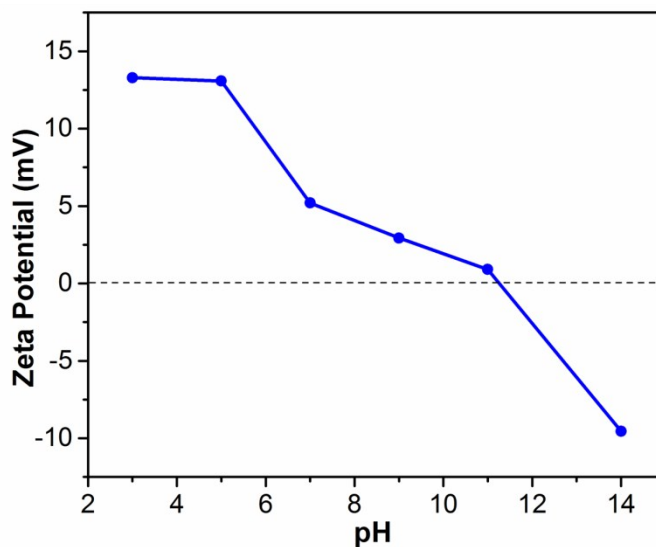


Figure S2 Zeta Potential of the as synthesized silica nanoparticles in water.

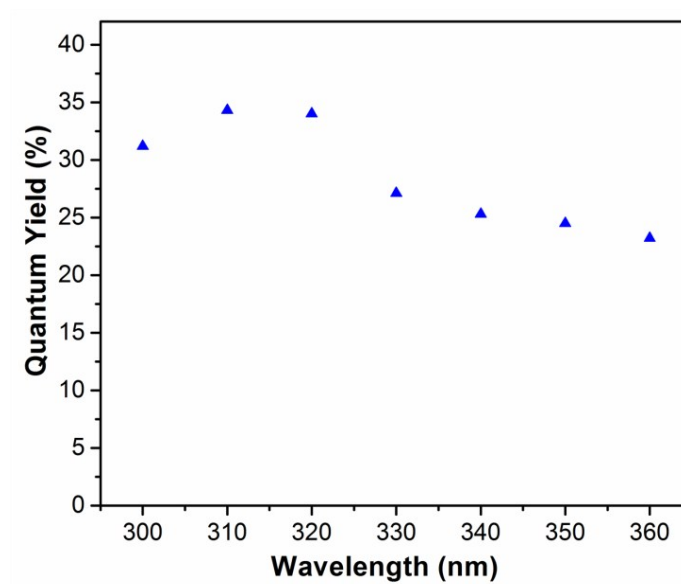


Figure S3 Quantum yields of silica nanoparticles in water at different excitation wavelengths.

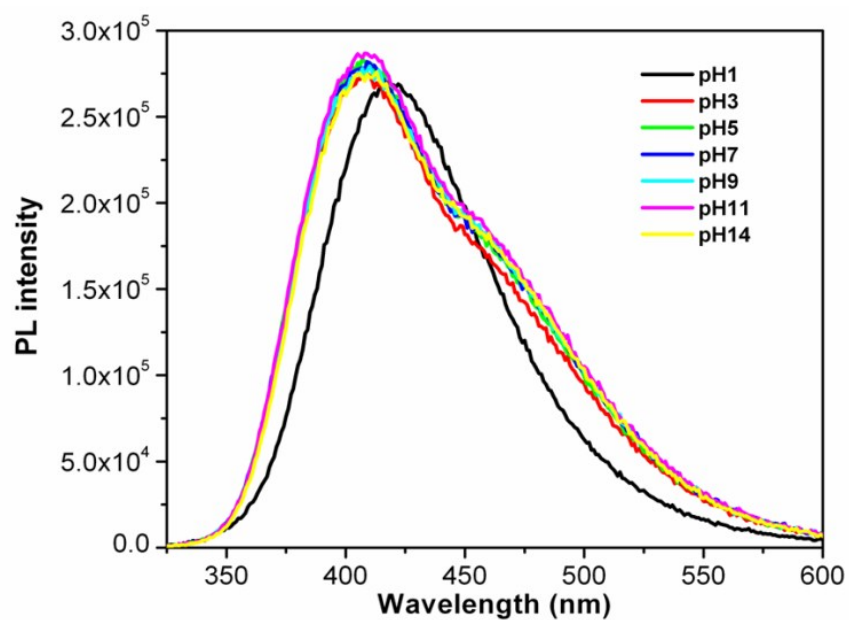


Figure S4 pH dependent PL emissions of SiNP.

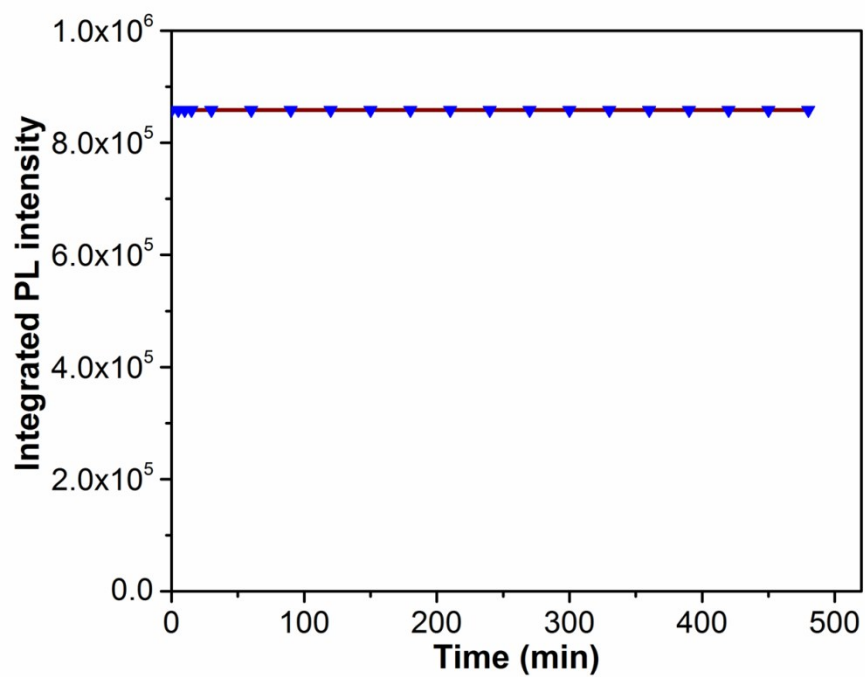


Figure S5 Integrated PL intensity of SiNP under UV radiation against the time of UV exposure.

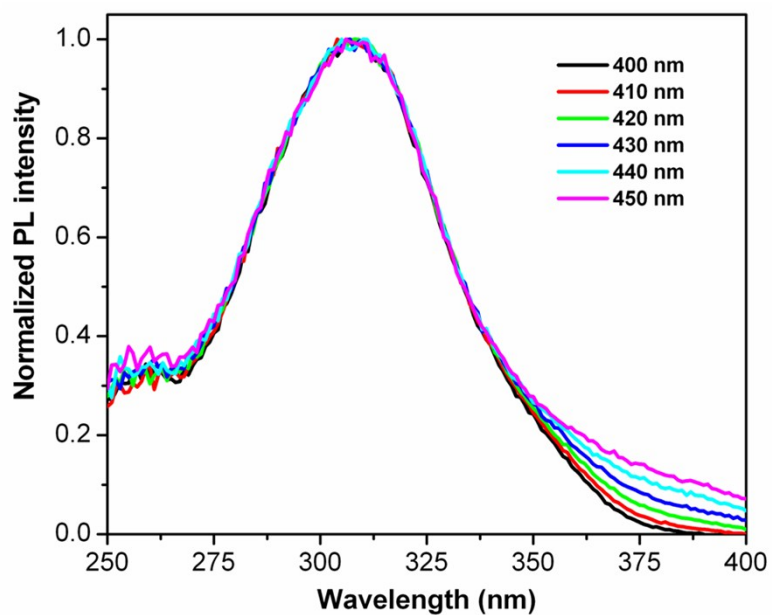


Figure S6 Normalized PLE spectrum with variation of emission wavelength.