

Probing the binding behaviors and kinetics of silver nanoparticles with bovine serum albumin

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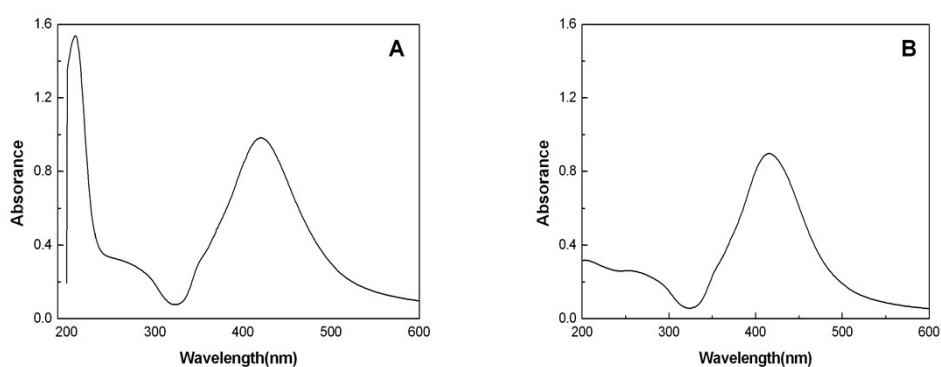


Fig. S1. The absorption spectrum of AgNPs. (A) freshly prepared. (B) after centrifugal processing.

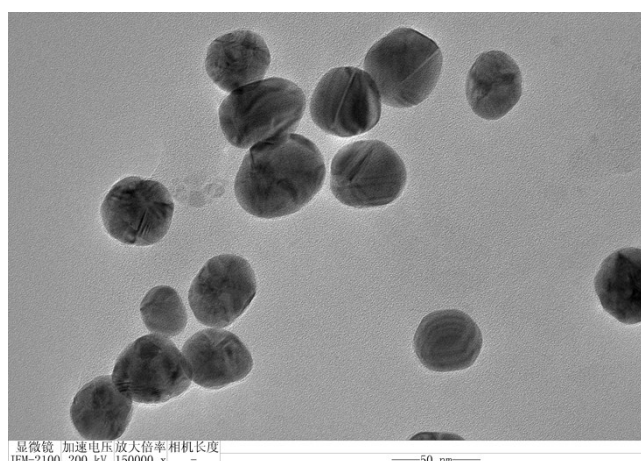


Fig. S2. TEM micrograph of AgNPs.

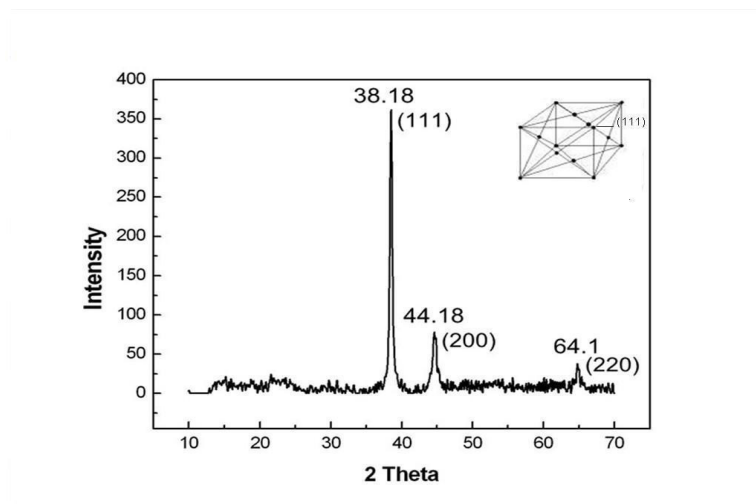


Fig. S3. XRD pattern of AgNPs.

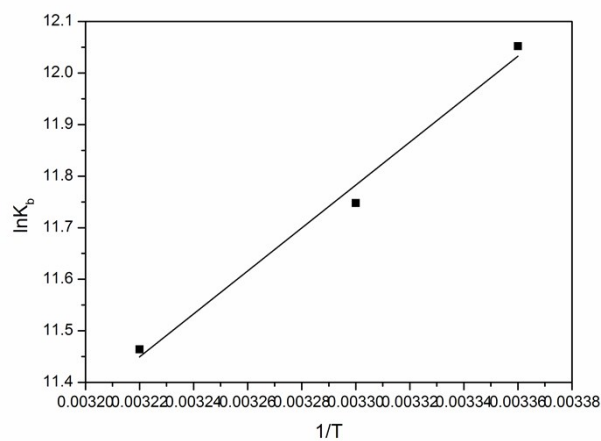


Fig. S4. Van't Hoff plots of the BSA/ AgNPs system.

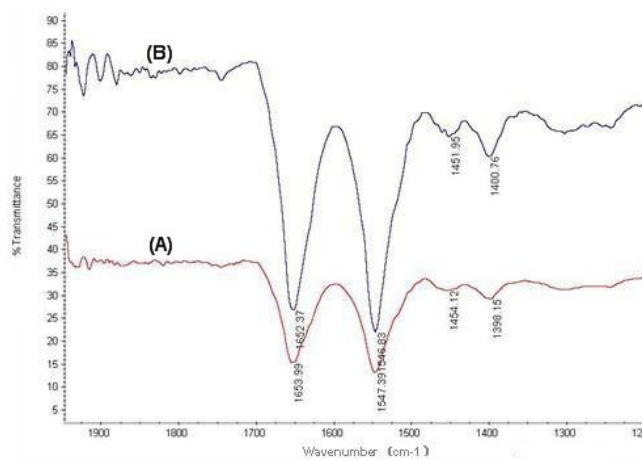


Fig. S5. FT-IR spectra of free BSA and difference spectra (AgNPs-BSA) at pH=7.4.

$C(\text{BSA}) = 1.0 \times 10^{-4} \text{ M}$, $C(\text{AgNPs}) = 5.0 \times 10^{-12} \text{ M}$.