

Alginate stabilized silver nanocubes-Rh6G composite as a highly selective mercury sensor in aqueous solution

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UV-Visible absorption and fluorescence emission spectrum of alginate-silver NCbs, two-dimensional (2D) and three-dimensional (3D) AFM image of alginate-silver NCbs, three-dimensional (3D) AFM image of alginate-silver NCbs-Rh6G with absence and presence of Hg^{2+} .

Electronic supplementary information 1

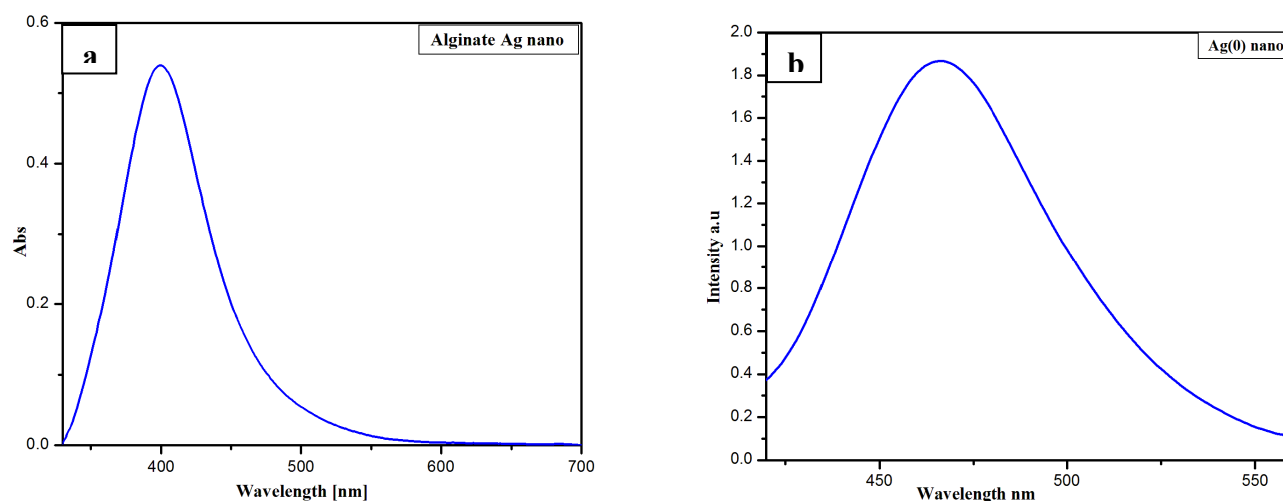


Fig. S1 (a) UV–Vis. absorption (b) Fluorescence emission spectrum of alginate Ag nanocubes

Electronic supplementary information 2

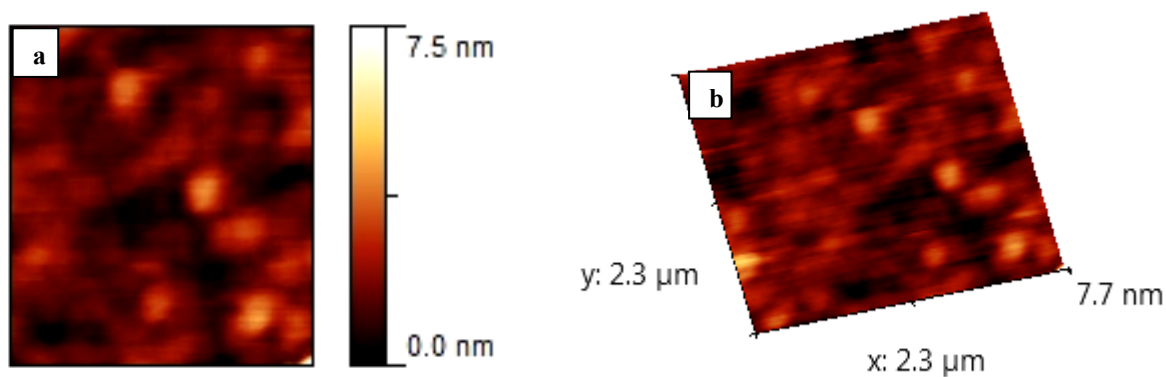


Fig. S2 (a) Two-dimensional (2D) AFM image of alginate silver nanocubes. (b) Three-dimensional (3D) AFM image of alginate silver nanocubes.

Electronic supplementary information 3

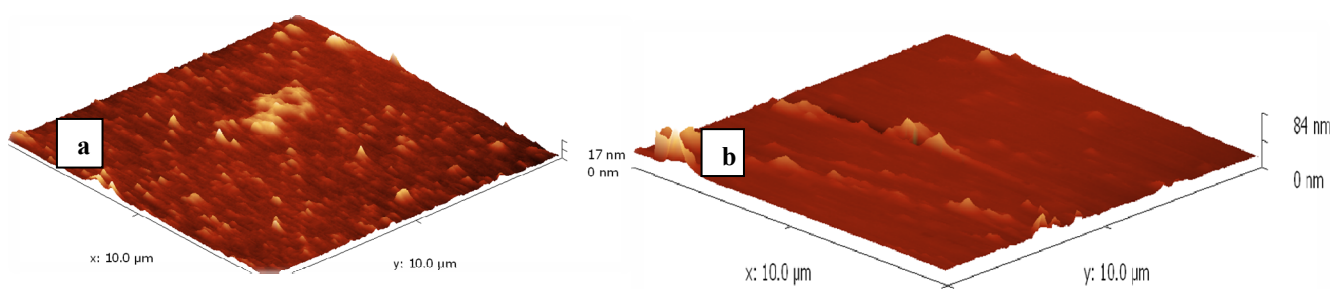


Fig. S3 Three-dimensional (3D) AFM image of Alginate silver nanocubes-Rh6G with (a) absence and (b) presence of Hg^{2+} .