Electronic Supplementary Material (ESI) for New Journal of Chemistry.

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Supporting Information

Nanostructured silver decorated hollow silica and their application in treatment of microbial contaminated water at room temperature

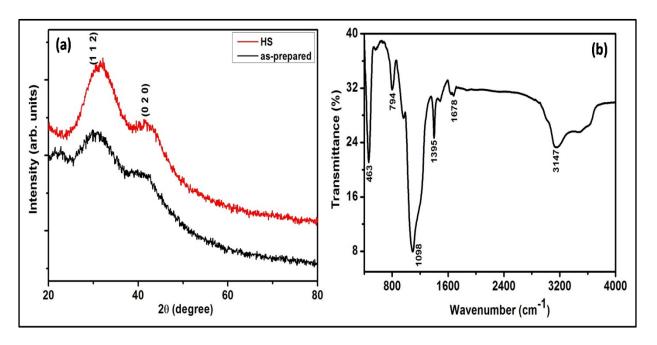


Figure S1: (a) XRD pattern of as-prepared and calcined hollow silica and (b) FTIR spectrum of calcined hollow silica.

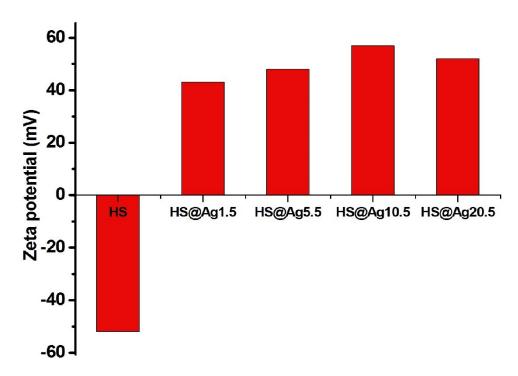


Fig. S2: Zeta potential measurements of synthesized hollow silica and silver decorated hollow silica samples.

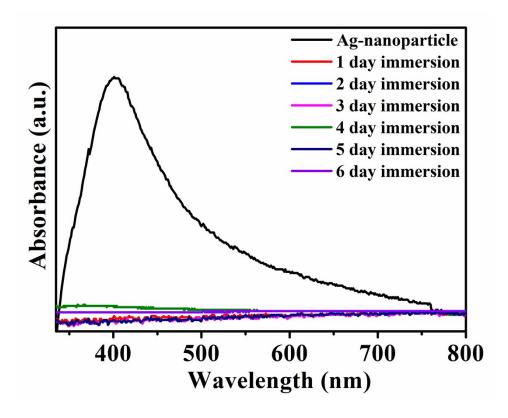


Figure S3: UV spectra for release of silver nanoparticle in water as function of time

Table S1: Silica and Silver release test of HS@Ag5.5

Element	day0	day1	day2	day3	day4	day5	day6
Silica (ppm)	1.03	1.09	1.98	2.07	2.72	3.13	3.20
Silver (ppm)	0.20	0.21	0.21	0.29	0.21	0.20	0.20