

Preparation of hollow silica spheres with holes on the shells

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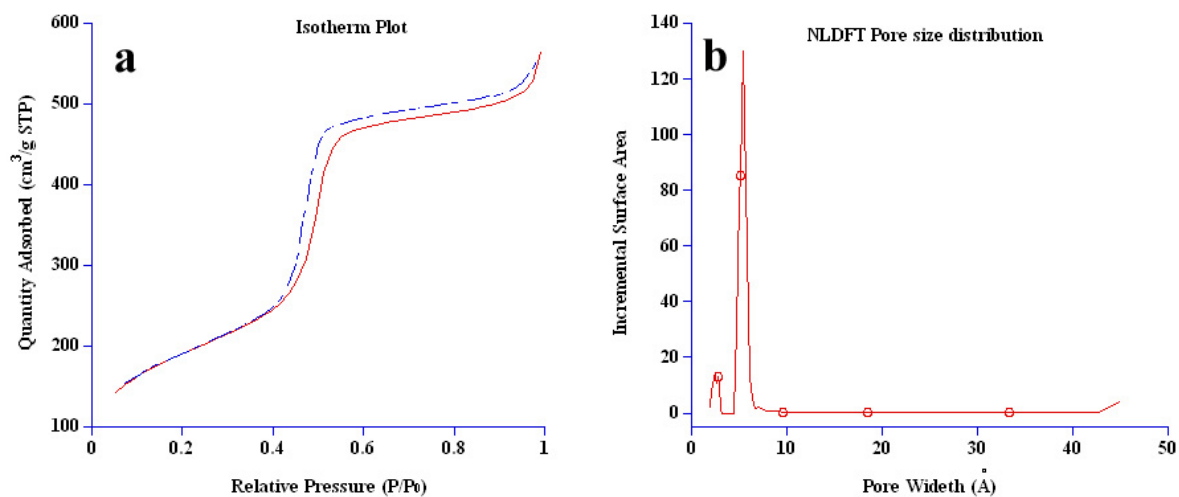


Figure S1. The nitrogen adsorption-desorption isotherm plot (a) and NLDFT pore-size distribution at adsorption branch (b) of the calcined hollow silica spheres.

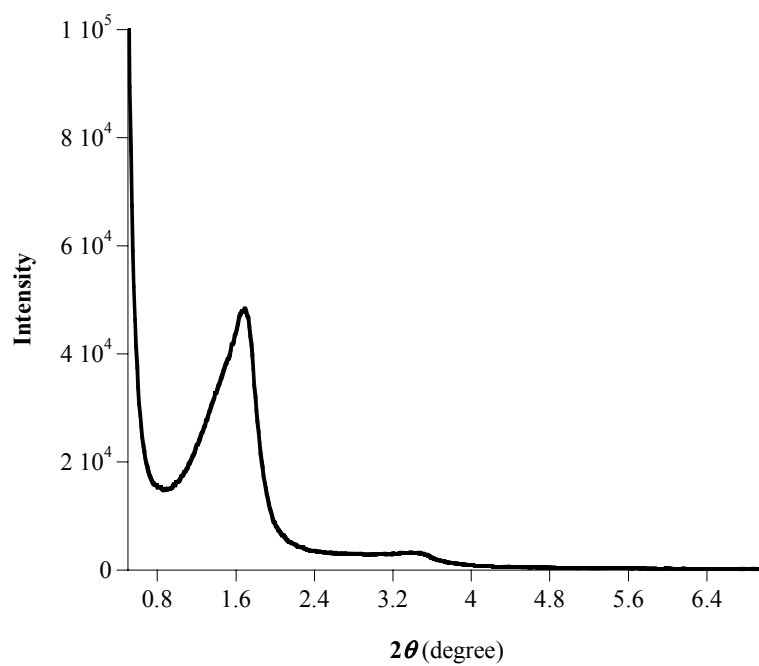


Figure S2. SAXRD pattern of mesoporous hollow silica shells.

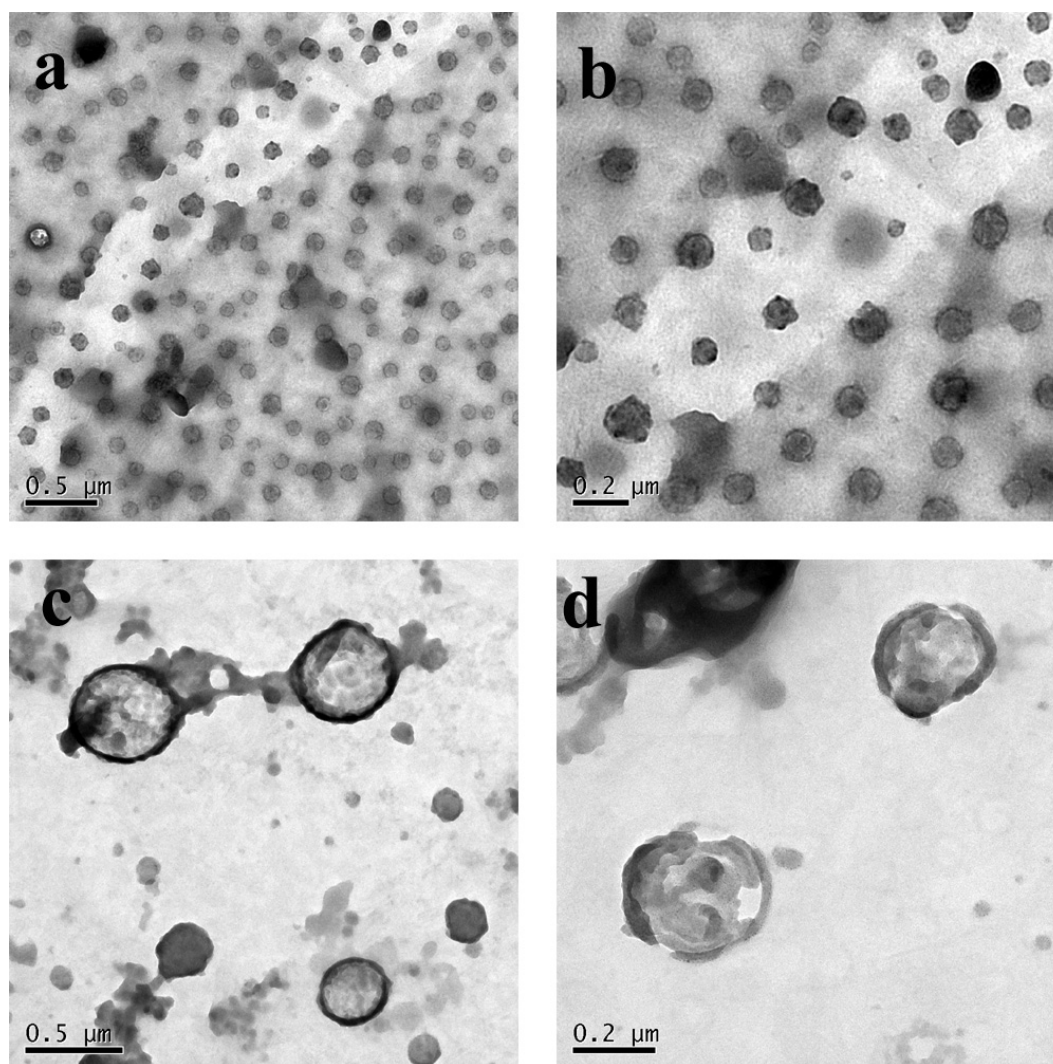


Figure S3. TEM images of the reaction mixture at 280 s.

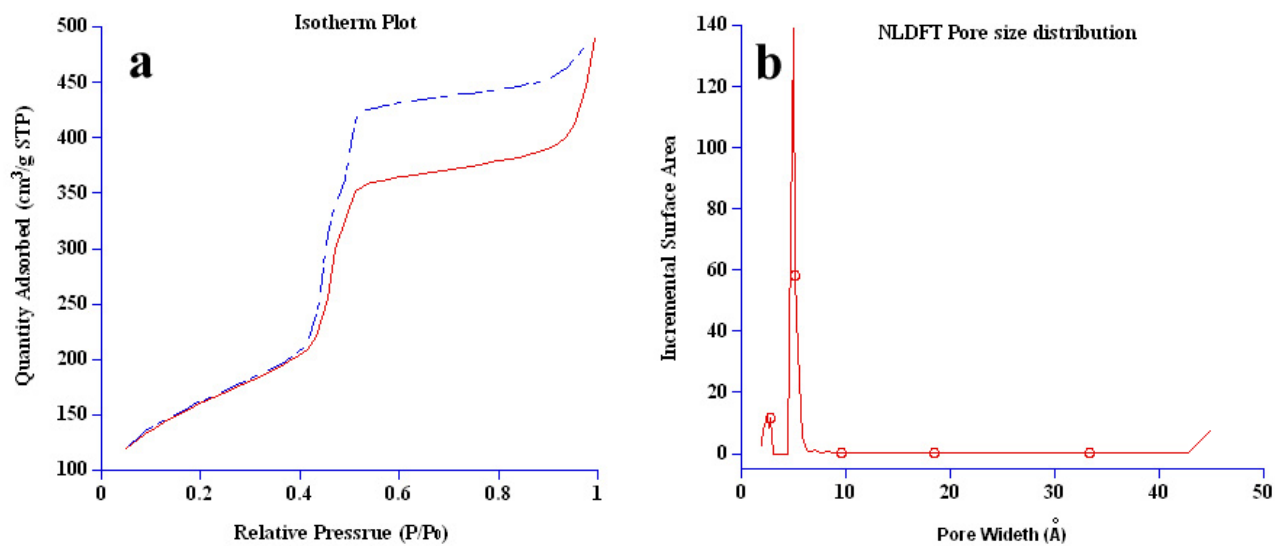


Figure S4. The nitrogen adsorption-desorption isotherm plot (a) and NLDFT pore-size distribution at adsorption branch (b) of the calcined hollow silica spheres.

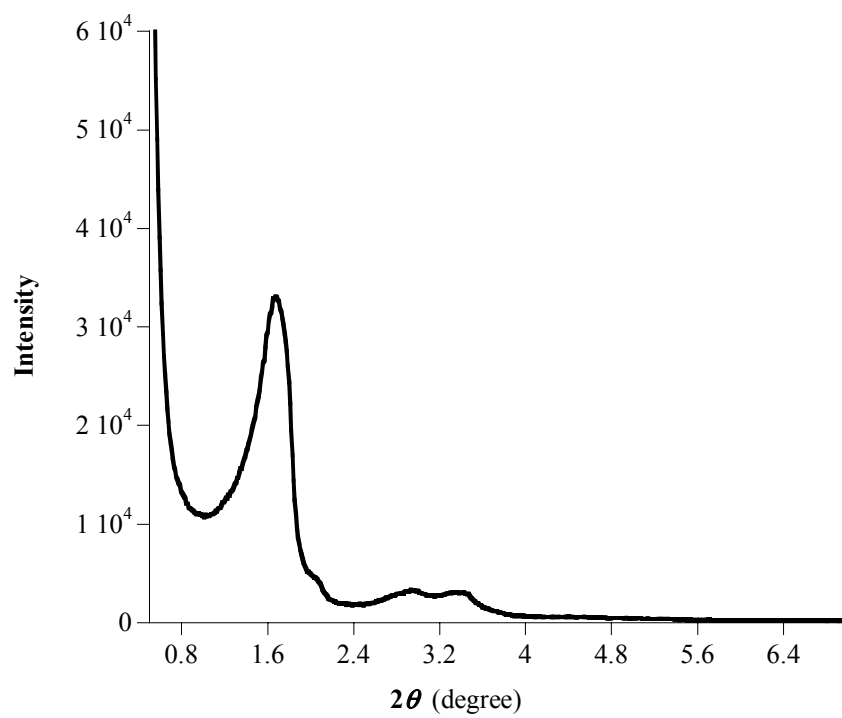


Figure S5. SAXRD pattern of mesoporous hollow silica shells.

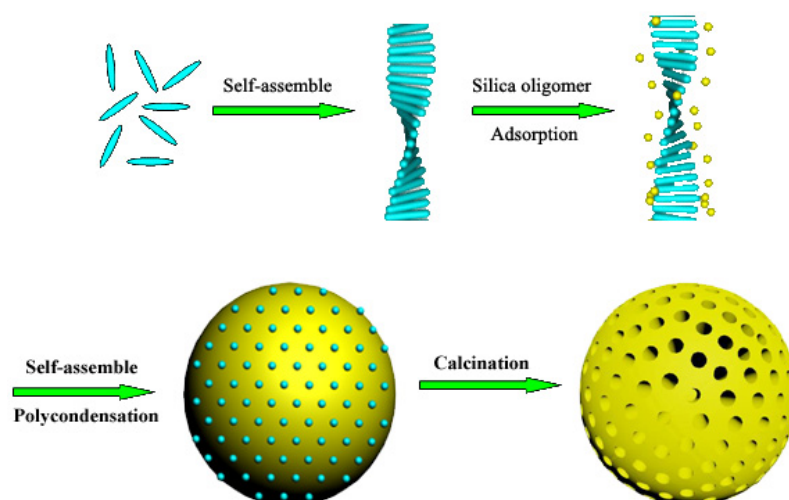


Figure S6 Schematic presentation of the formation of hollow silica spheres.

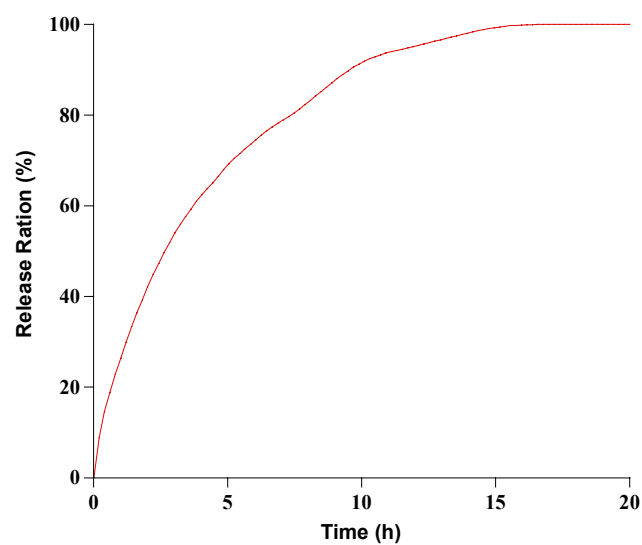


Figure S7. Controlled release behaviour of the mesoporous hollow silica shells prepared in the mixture of 1,4-dioxane and water.