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Supporting Information

General fabrication of hollow colloids from polymer self-assembly cavity-forming strategy

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Results and Discussion

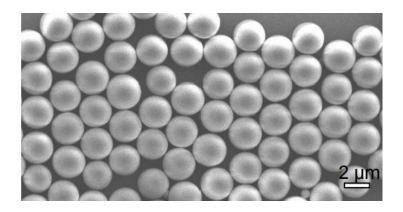
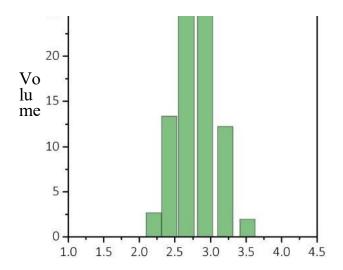


Figure S1. SEM image of PGMA microparticles.



Diameter(µm)

Figure S2. Particle size distribution curve of PGMA microparticles.

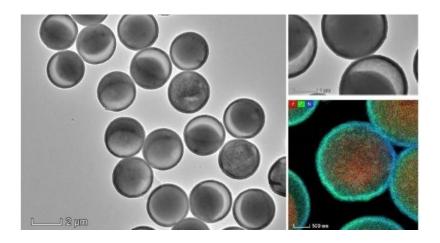


Figure S3. TEM and elemental mapping images of hollow microtumblers.

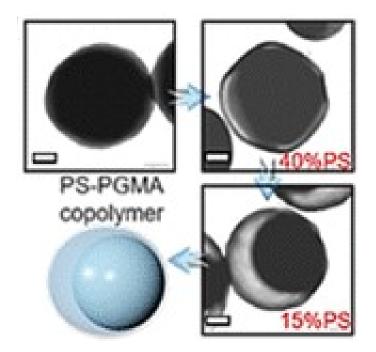


Figure S4. Cartoon and TEM images showing control of cavity via co-polymerization with different proportions of St. Scale bar: 500 nm.

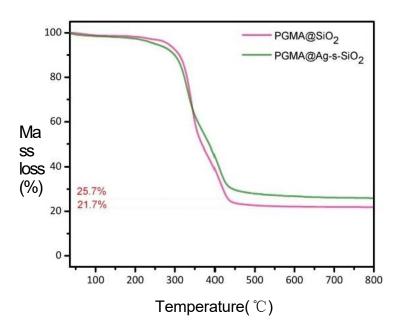


Figure S5.TGA curves of PGMA@Ag-s-SiO2 and s-SiO2@Ag hollow colloid.

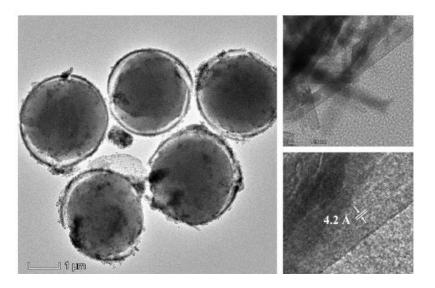


Figure S6. TEM images of PGMA@FeOOH-s-SiO₂.

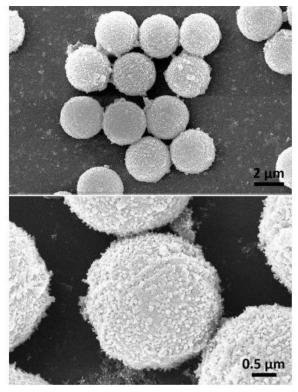


Figure S7. SEM images of PGMA@FeOOH-s-SiO₂.

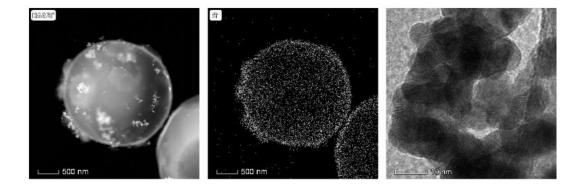


Figure S8. TEM and EDX mapping images of Au@s-SiO2.

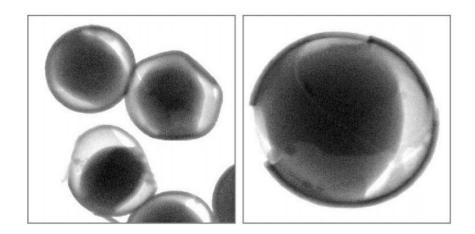


Figure S9. TEM images of hollow tumblers swelled by DCM.

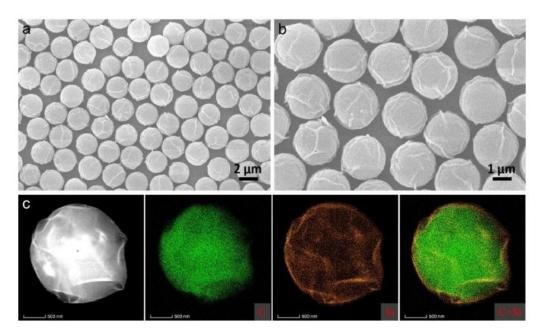


Figure S10. SEM images (a,b), and TEM and EDX mapping images(c) of hollow tumblers swelled by THF.