

Supporting Information for

High porosity microspheres with functional groups synthesized by thiol-yne click suspension polymerization

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Figure S1. Optical photographs of (a) epoxy-, (b) thioacetate-, (c) carboxy-, (d) tert-amine-containing microspheres.

Figure S2. UV-Vis spectra of different Cu^{2+} ion contents in DMF solutions.

Figure S3. Work curve for DMF solutions of copper sulfate.

Figure S4. DSC results of liner epoxy-containing polythioether and various cross-linked microspheres prepared by thiol-click chemistry.

Figure S5. Freundlich adsorption isotherm models for the absorption of Cu^{2+} ions on the thioacetate-functional microspheres.

Table S1. Pore property of epoxy-containing microspheres (35 wt % PEG) measured by mercury porosimeter.

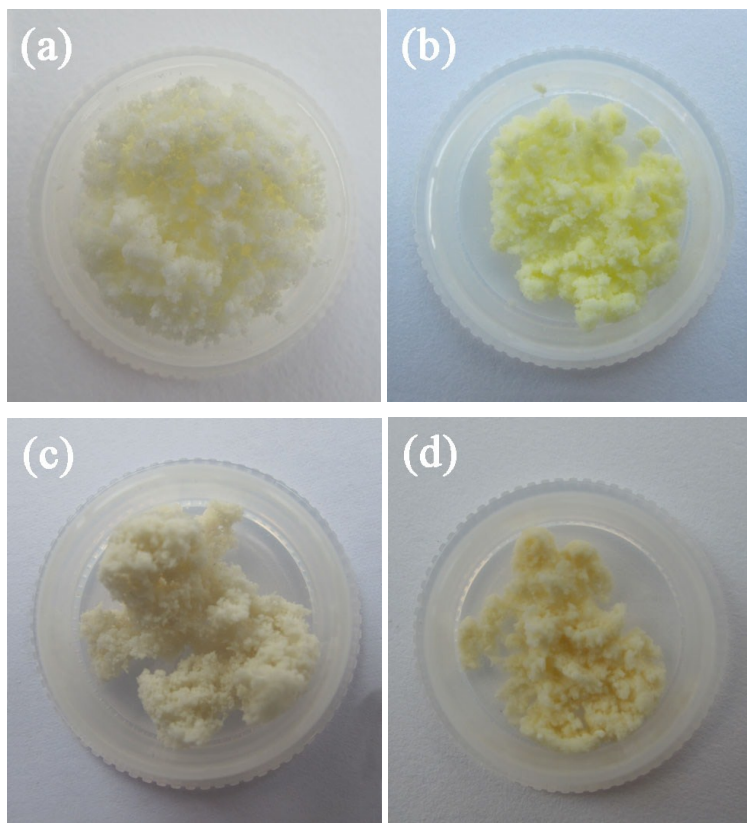


Figure. S1

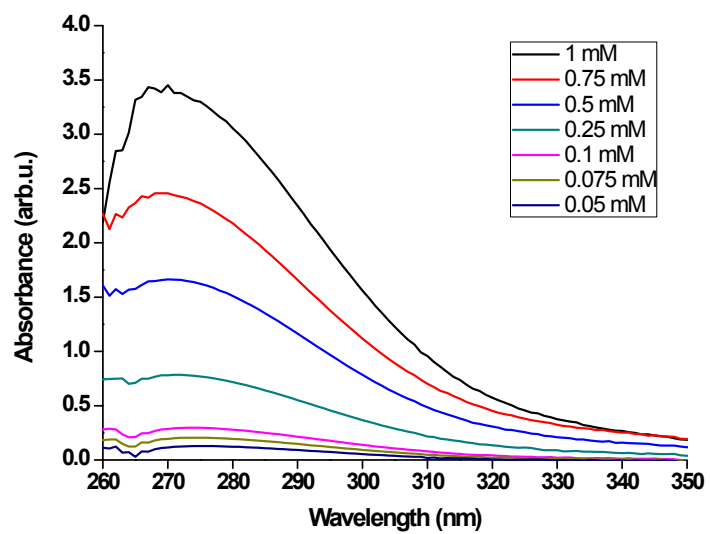


Figure. S2

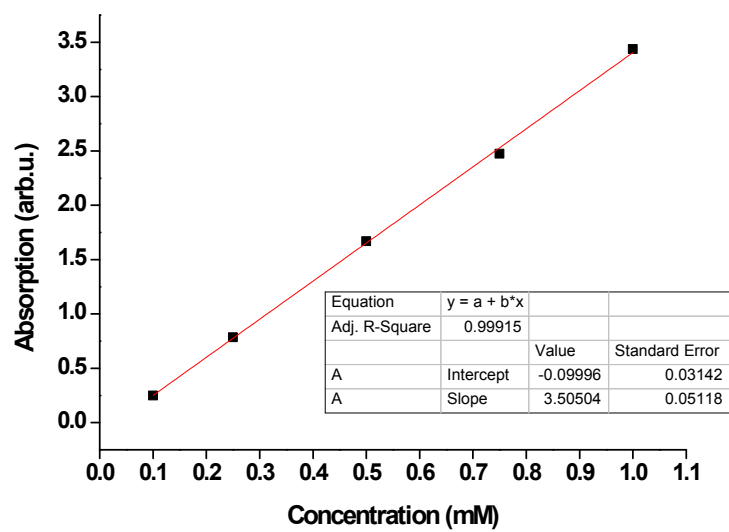


Figure. S3

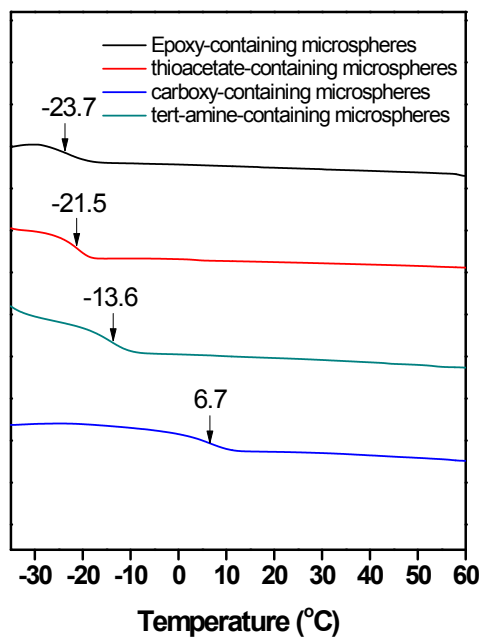
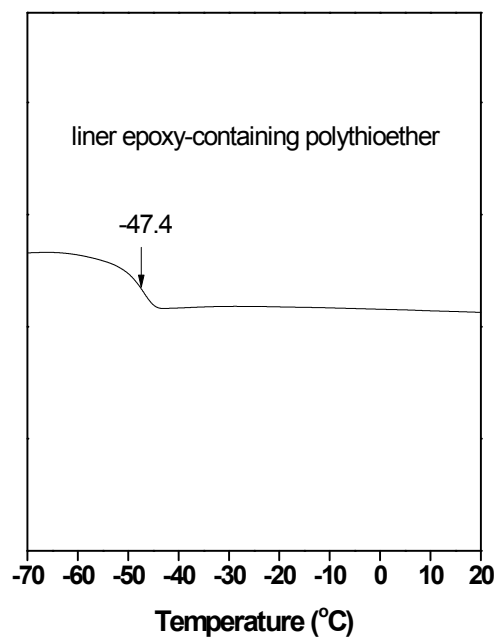


Fig. S4

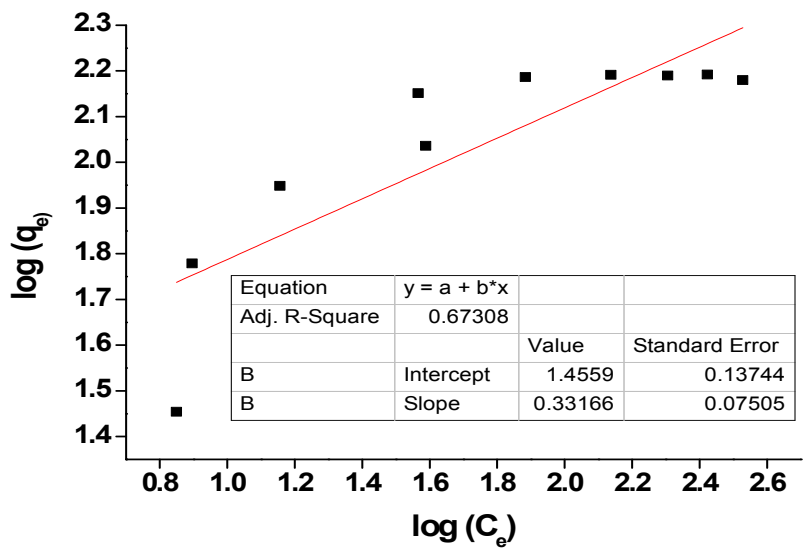
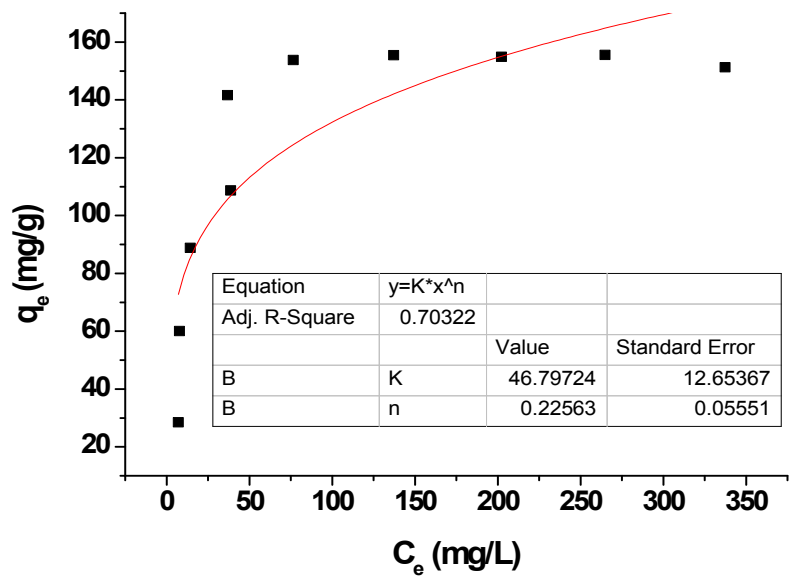


Figure. S5

Table S1

Total intrusion volume	Total pore area	Average pore diameter	Apparent density	Porosity
1.5124 mL g ⁻¹	7.778 m ² g ⁻¹	0.78 μm	1.1040 g mL ⁻¹	62.45 %