Supporting Information

Fabrication of well-defined electromagnetic Fe_3O_4/polyaniline hollow microspheres and their application on Pb^{2+} uptake

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Table S1 Adsorption capacities for Pb^{2+} by Fe_3O_4/PANI adsorbents prepared with different weigh ratio of ANI/PS[a]

Samples	Weight ratio of ANI/PS	Thickness of PANI shell (nm)	Adsorption capacity (mg/g)
1[b]	1:4		273
2	1:2.5	30	416
3	1:1.7	43	535

[a] The other conditions of preparing Fe_3O_4/PANI (Sample1, 2 and 3) are the same, with the exception of different weight ratio of ANI/PS.

[b] When the weight ratio of ANI/PS is 1:4, the obtained Fe_3O_4/PANI (Sample 1) does not maintain the hollow structure.

Table S2 Adsorption capacities for Pb^{2+} by Fe_3O_4/PANI adsorbents prepared with various amount of citric acid modified Fe_3O_4 particles[a]

Samples	Citric acid modified Fe_3O_4 (g)	Adsorption capacity (mg/g)
4	0.05	661
3	0.12	535
5	0.28	481

[a] The other conditions of preparing Fe_3O_4/PANI (Sample 3, 4 and 5) are the same, with the exception of various amount of citric acid modified Fe_3O_4 particles.