Supporting Information

Fe_3O_4/PANI/*m*-SiO_2 as Robust Reactive Catalyst Supports for Noble Metal Nanoparticles with Improved Recyclability and Stability

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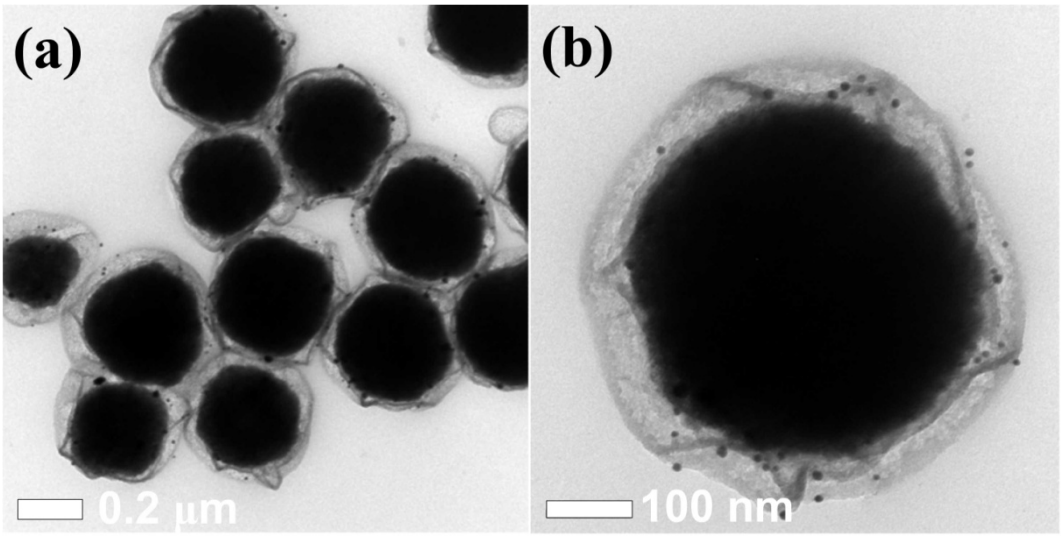

Figure S1 TEM images of Fe_3O_4/PANI/Au/*m*-SiO_2 core/shell spheres after stored for more than four months.

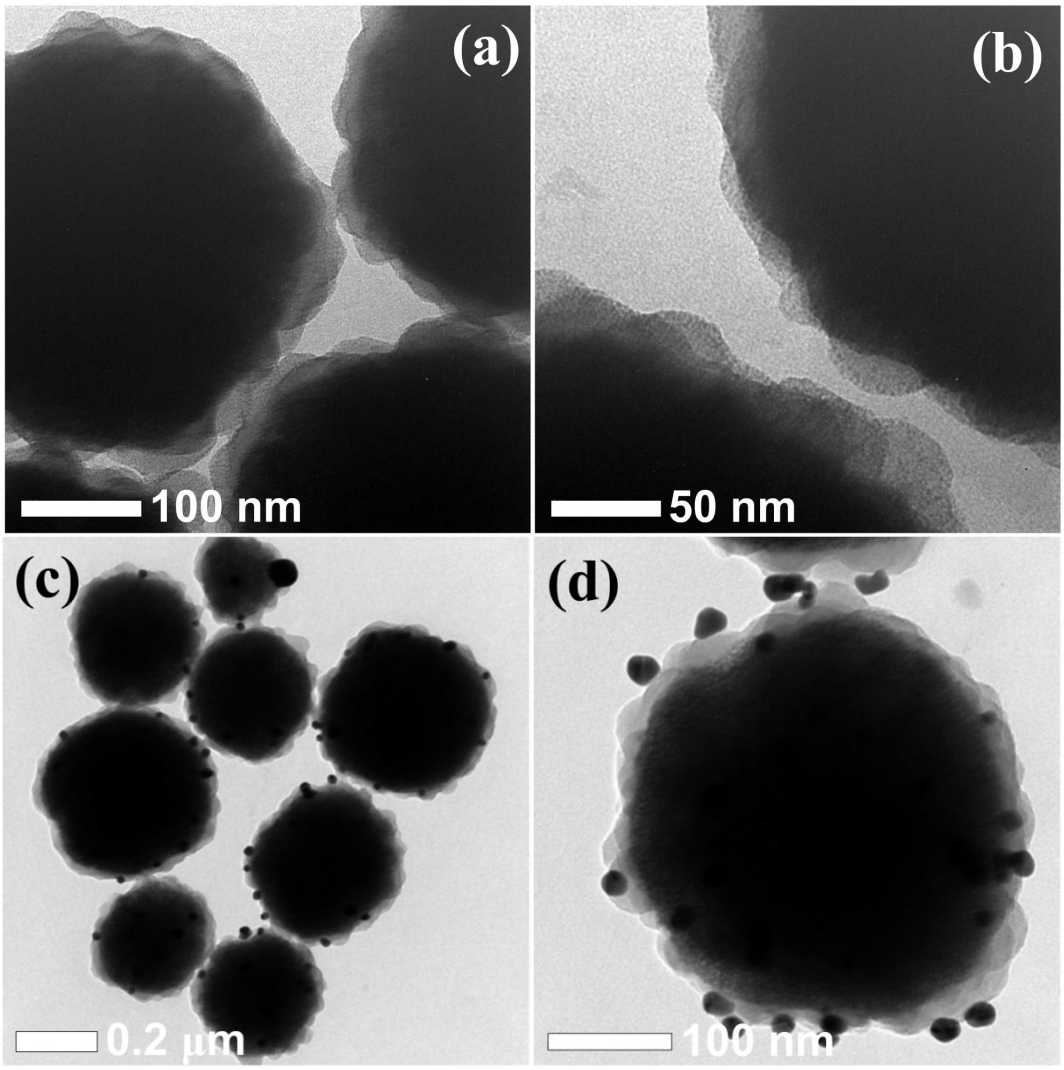

Figure S2 TEM images of Fe_3O_4/PANI/Au core/shell spheres of (a, b) freshly prepared and (c, d) stored for one week.

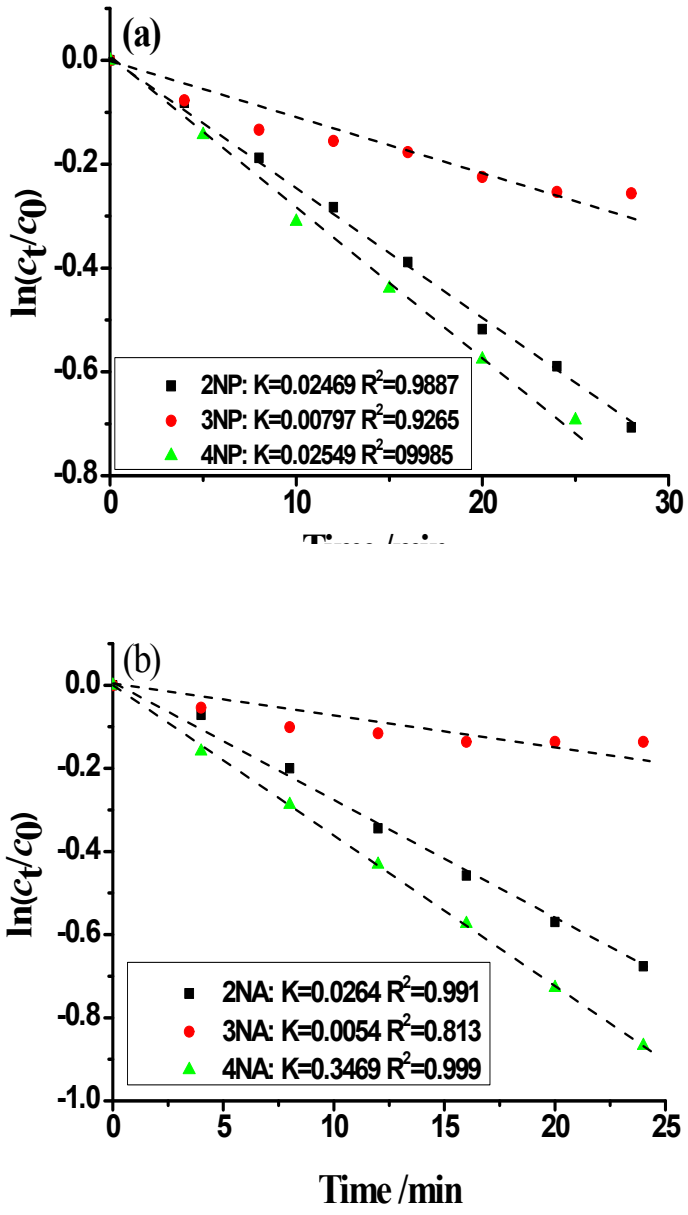

Figure S3 Plot of $\ln(c_t/c_0)$ of (a) NP and (b) AP against time using Fe_3O_4/PANI/Au/*m*-SiO_2 core/shell catalysts.

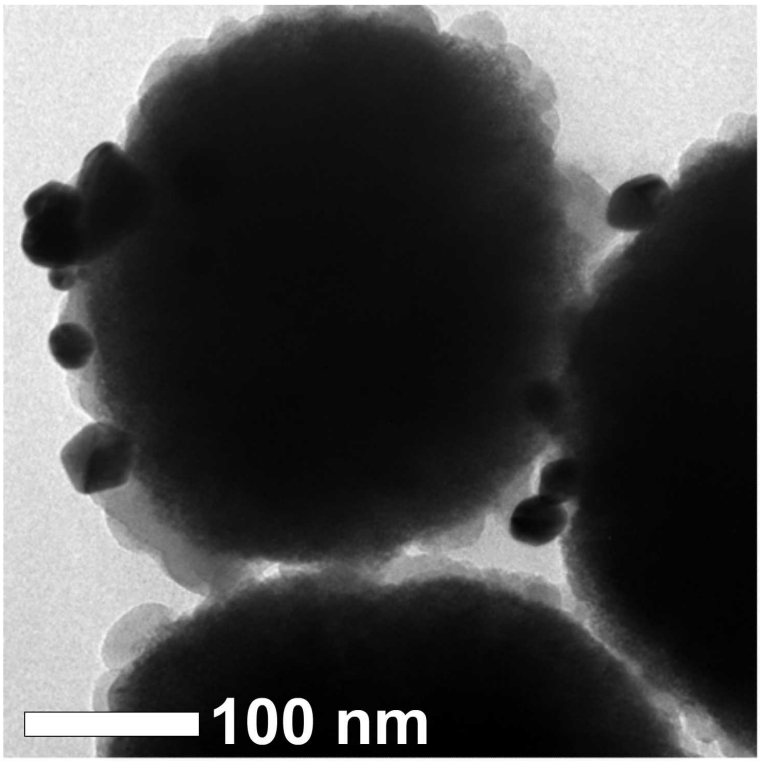

Figure S4 TEM image of Fe_3O_4/PANI/Au core/shell spheres after five runs of catalytic reactions.

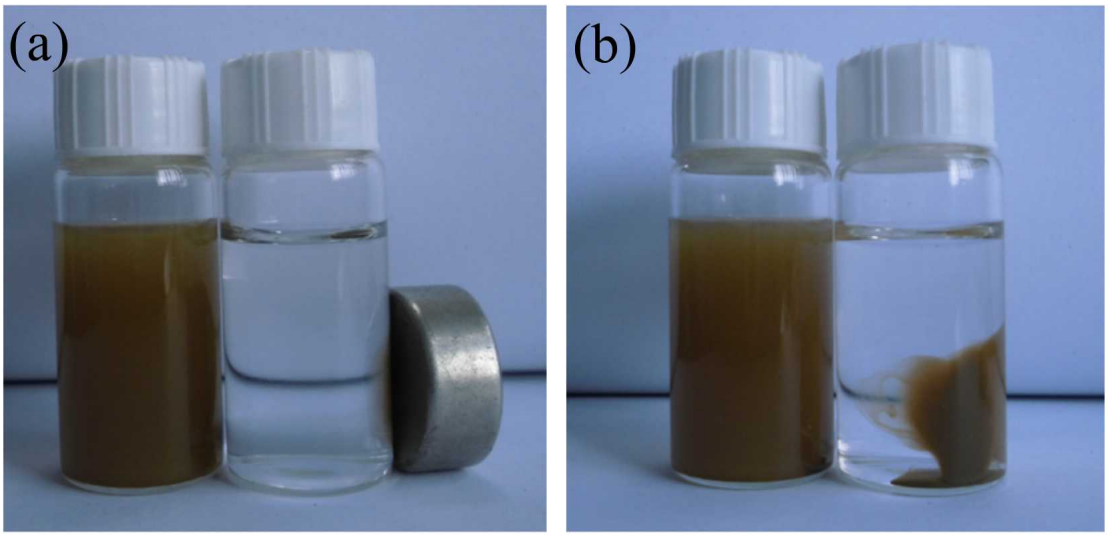

Figure S5 Optical images of Fe_3O_4/PANI/Au/*m*-SiO_2 core/shell spheres (a) before and (b) after removal of magnet.