

Supplementary Materials

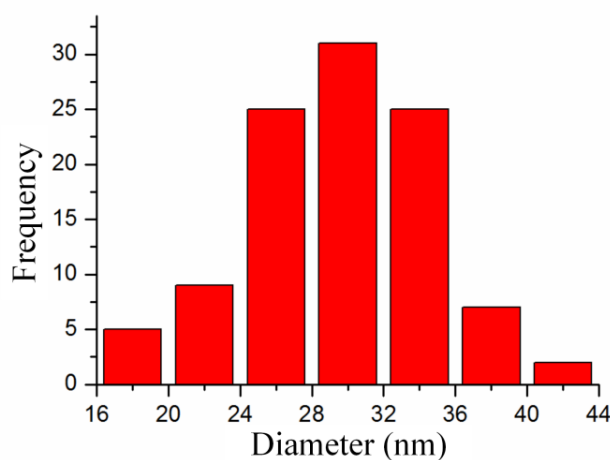


Fig. A1. Distribution of as-prepared Fe_3O_4 particles sizes.

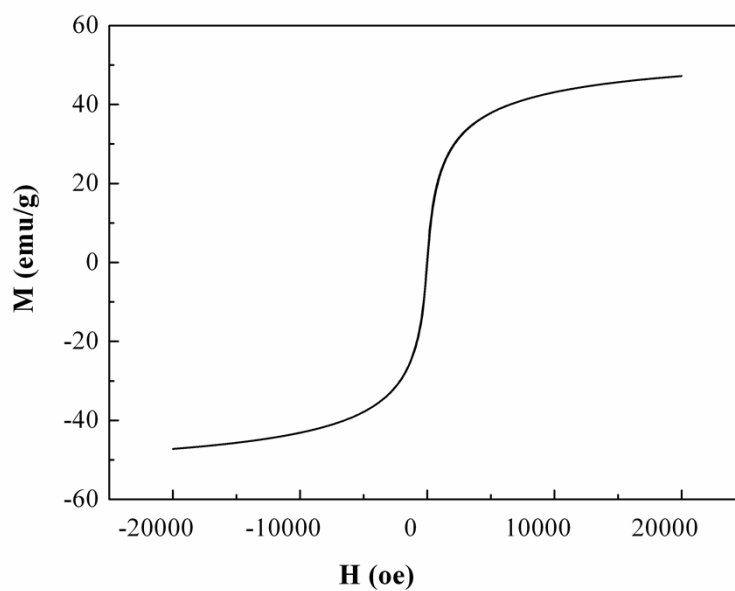


Fig. A2. Magnetization curve of as-prepared particles.

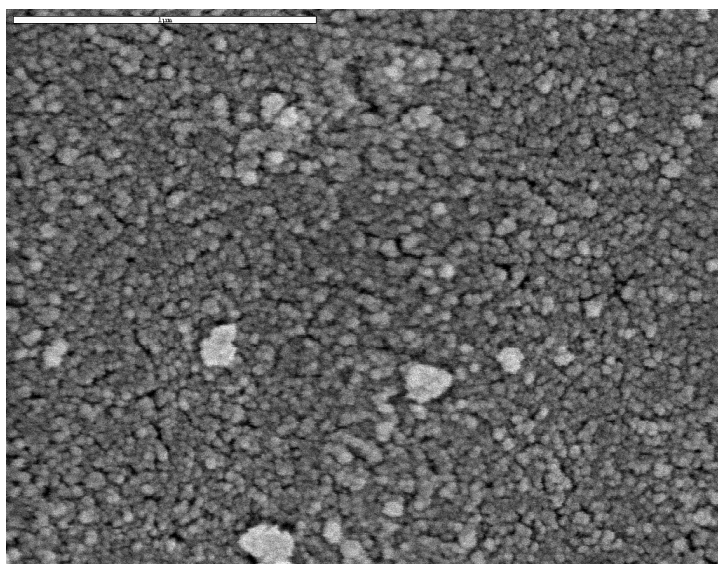


Fig. A3. SEM image of Fe_3O_4 nanoparticles after reaction without H_2O_2 .

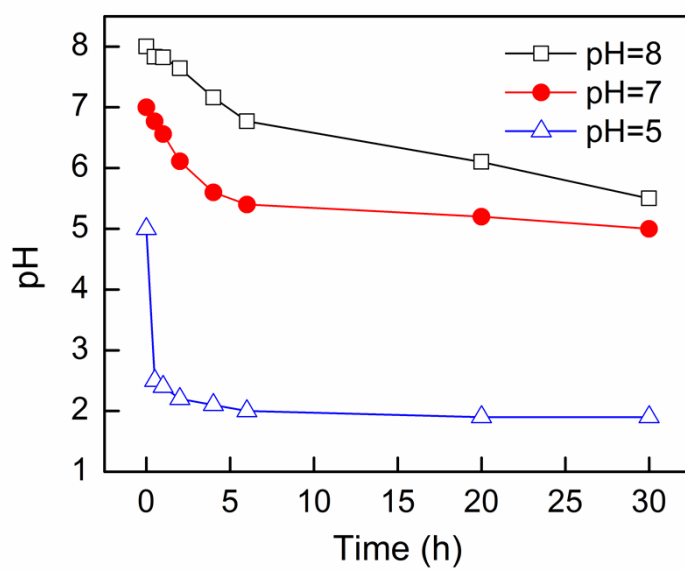


Fig. A4. Changes of pH value during reaction at the different initial pH values

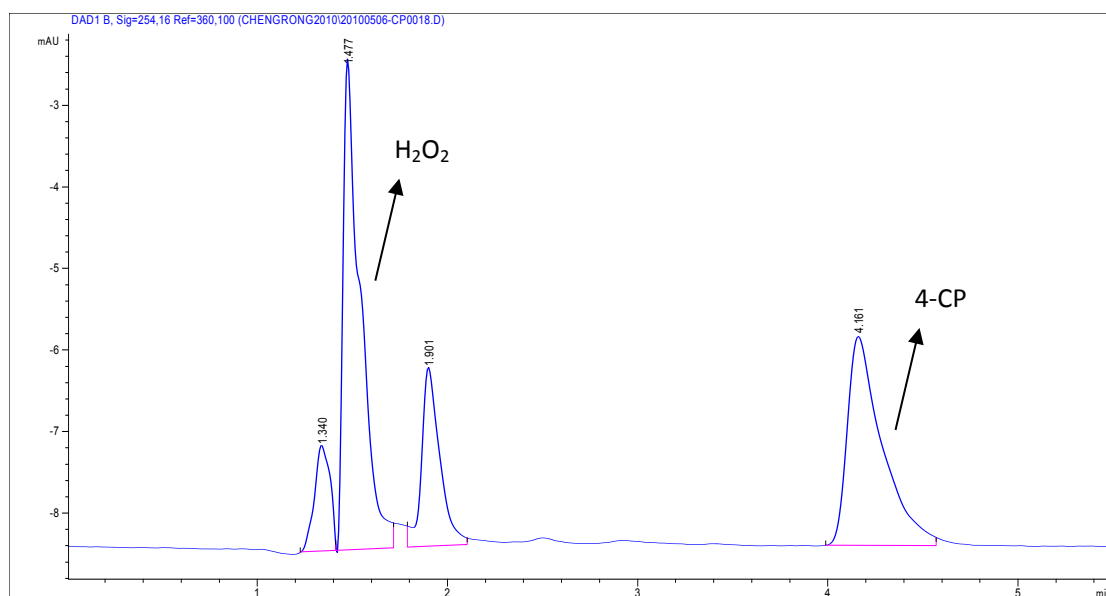


Fig. A5. HPLC spectrum of solutions after reaction