

Designing different morphologies of NiFe₂O₄ for tuning of structural, optical and magnetic properties for catalytic advancements

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Supplementary material

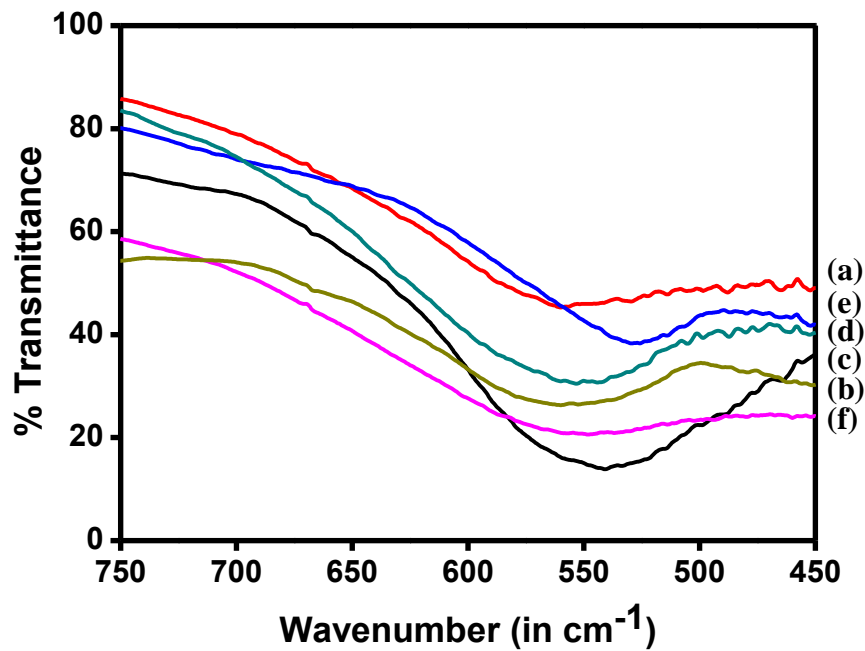


Fig. S1. Typical FT-IR spectra of NiFe₂O₄ nanostructures (a) NiFe-1 (b) NiFe-2 (c) NiFe-3 (d) NiFe-4 (e) NiFe-5 and (f) NiFe-6.

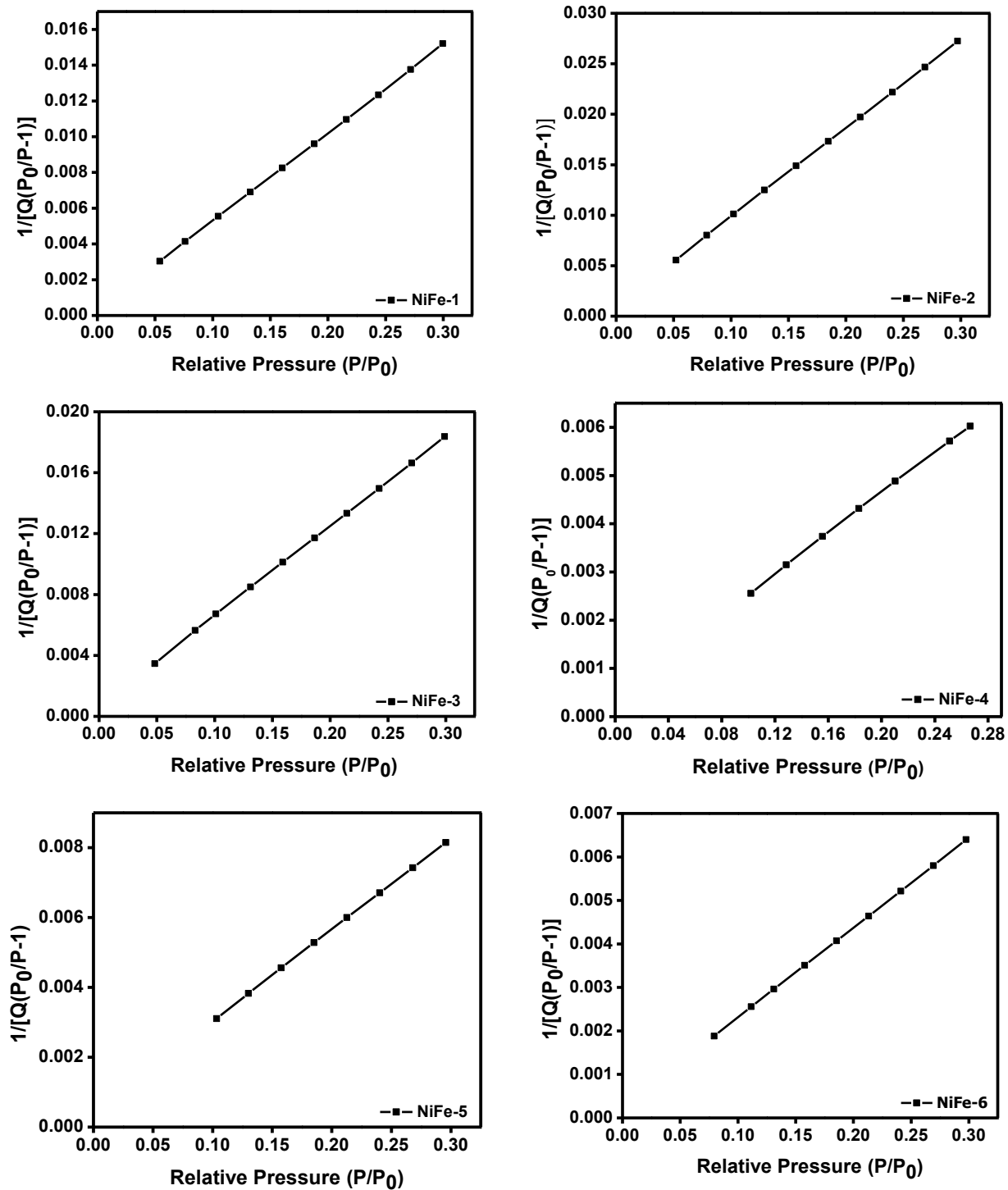


Fig. S2. The fitting curves of the BET surface area of NiFe₂O₄ nanostructures

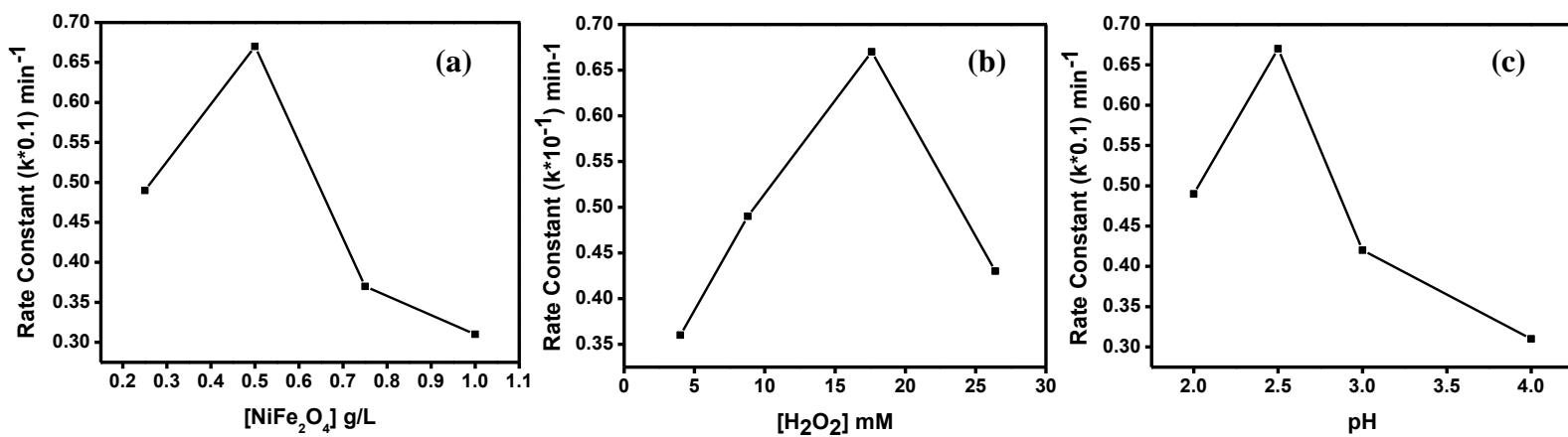


Fig. S3. Change in SO degradation rate with variation in (a) catalyst loading (b) H₂O₂ concentration (c) pH using NiFe₂O₄ nanoparticles as catalyst.