

Electronic Supplementary Information

Effective Photo-Reduction to Pt Nanoparticles Deposited on MIL-100(Fe) for Visible-Light-Induced Hydrogen Evolution

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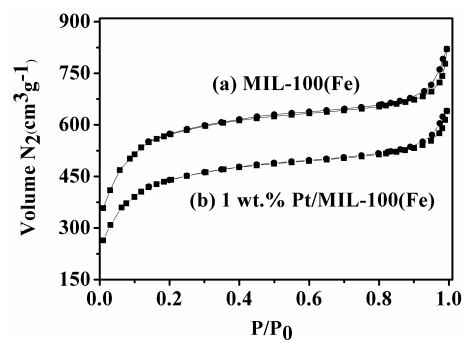


Fig. S1 N₂ adsorption/desorption isotherms of (a) MIL-100(Fe) and (b) 1 wt.% Pt/MIL-100(Fe).

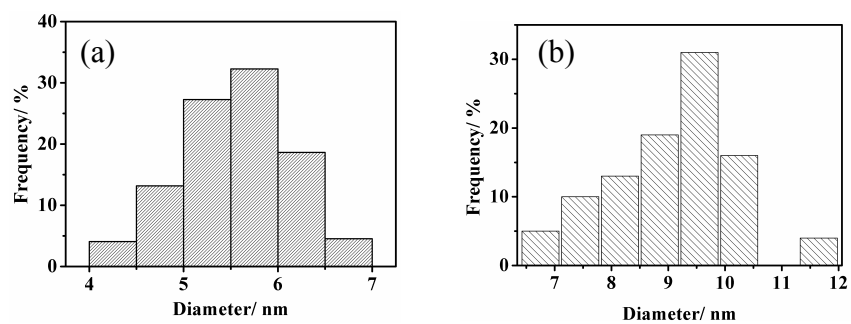


Fig. S2 Pt nanoparticles size distribution histogram of (a) 1 wt.% Pt/MIL-100(Fe); (b) 1 wt.% Pt/MIL-100(Fe)-NaBH₄.

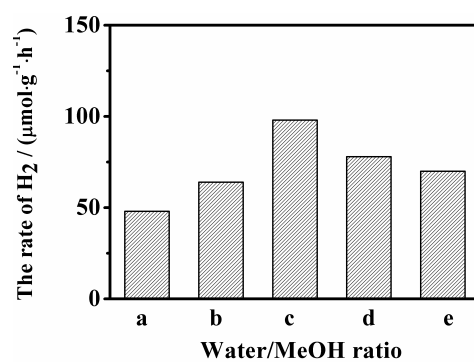


Fig. S3 The amount of H₂ evolved in different water/MeOH ratio (a) 9:1; (b) 7:3; (c) 1:1; (d) 3:7 and (e) Methanol solution.

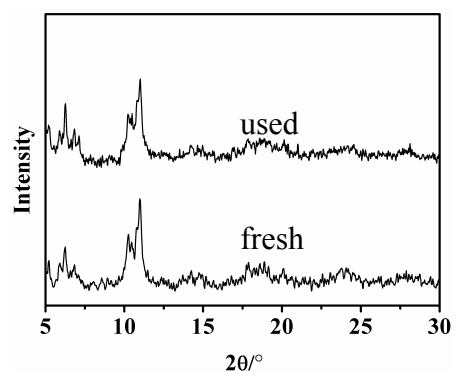


Fig. S4 The XRD patterns of fresh and used 1 wt.% Pt/MIL-100(Fe).

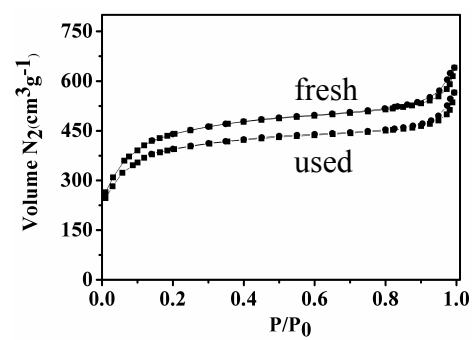


Fig. S5 N₂ adsorption/desorption isotherms of fresh and used 1wt.% Pt/MIL-100(Fe).