

**Activation performance and mechanism of a novel heterogeneous persulfate
catalyst: Metal Organic Framework MIL-53(Fe) with Fe^{II}/Fe^{III} mixed-valence
coordinative unsaturated iron center**

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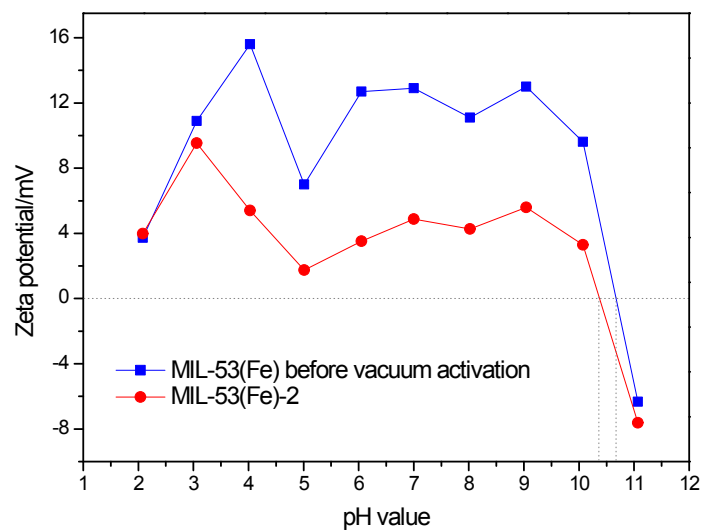


Fig. S1 Zeta potential of the as-prepared catalysts at different pH values.

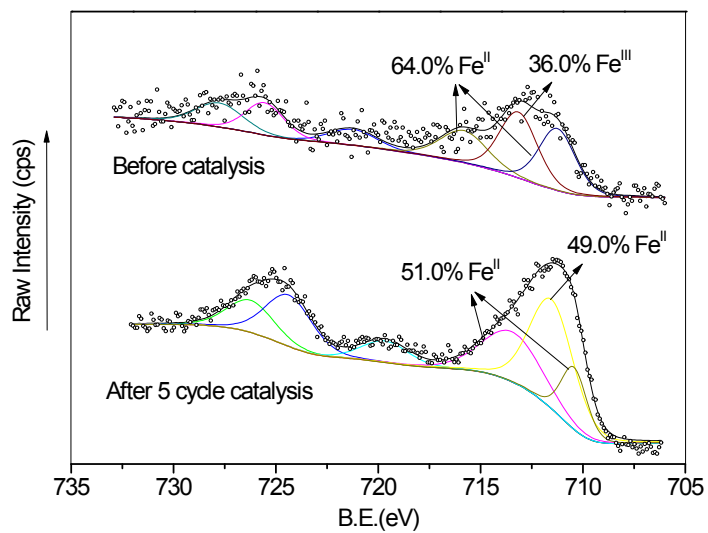


Fig. S2 XPS spectra of MIL-53(Fe)-2 before and after catalytic reaction.