Selective catalytic reduction of NO with NH₃ over TiO₂ supported

metal sulfate catalysts prepared via a sol-gel protocol

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Sample	Weak acid sites	Medium strong acid sites	Strong acid sites
Cu-S/Ti	51.1	37.5	11.4
Fe-S/Ti	33.0	37.4	29.6
Mn-S/Ti	20.7	40.9	38.4
Ce-S/Ti	27.7	40.3	32.0
Co-S/Ti	33.1	48.8	18.1

Table S1 The distribution of acid sites on metal sulfate catalysts (%)

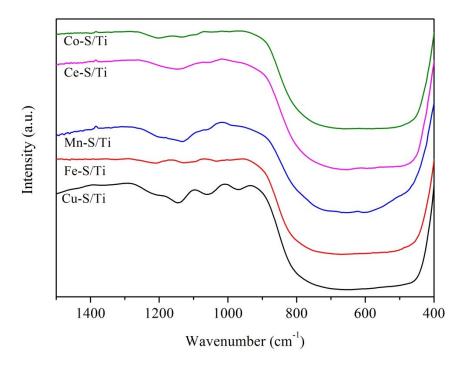
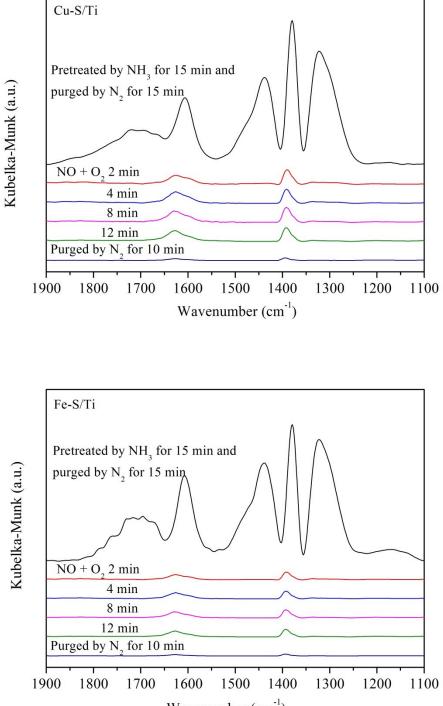
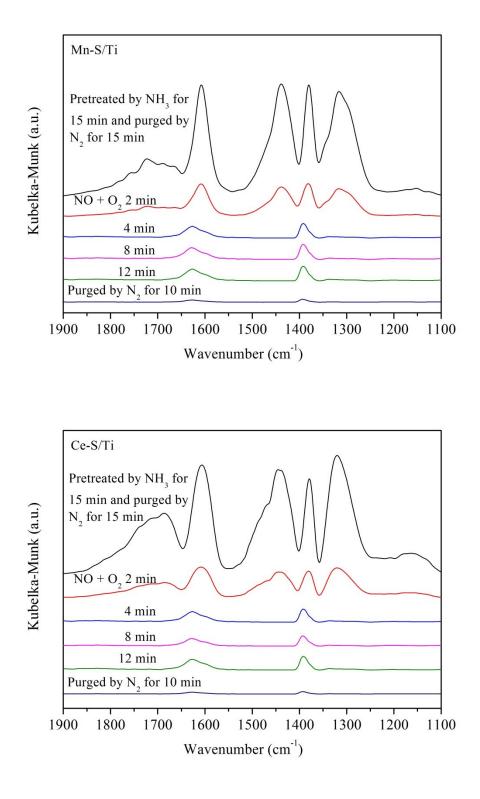


Figure S1. FT-IR result of each metal sulfate catalyst.



Wavenumber (cm⁻¹)



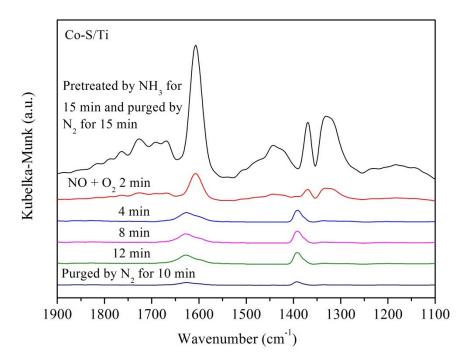


Figure S2. In situ DRIFTS of NO + O_2 on metal sulfate catalysts pretreated by NH₃ at 350 °C.