

## Appendix A. Supplementary data

### Efficient FeMn/Al<sub>2</sub>O<sub>3</sub> catalyst for NH<sub>3</sub>-SCR of NO at low temperature: the Influence of Strong Interactions Between Active Components and Carrier

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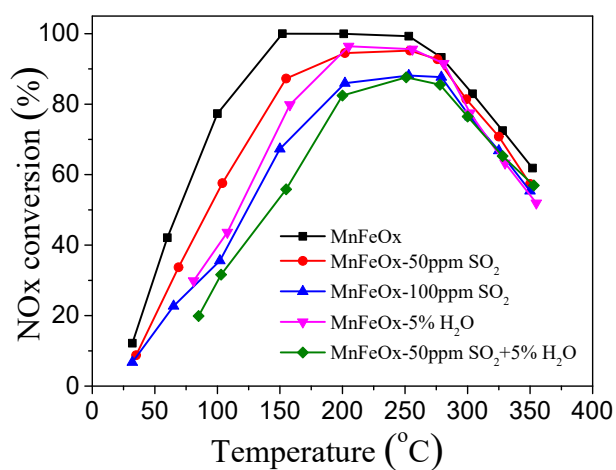


Fig. S1. Effect of H<sub>2</sub>O or/and SO<sub>2</sub> on the activities of MnFeOx.

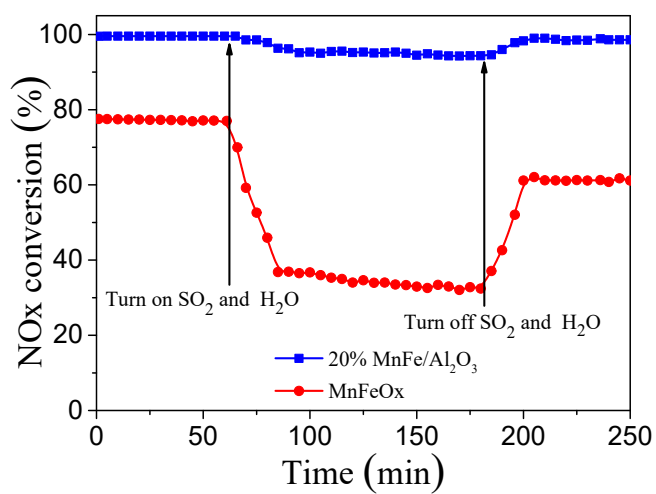


Fig. S2. H<sub>2</sub>O and SO<sub>2</sub> tolerance test of the MnFeOx and 20% MnFe/Al<sub>2</sub>O<sub>3</sub> catalysts at 100 °C.

Fig. S3. The SEM images of the MnFeOx (a) and 20% MnFe/Al<sub>2</sub>O<sub>3</sub> (b) catalysts .

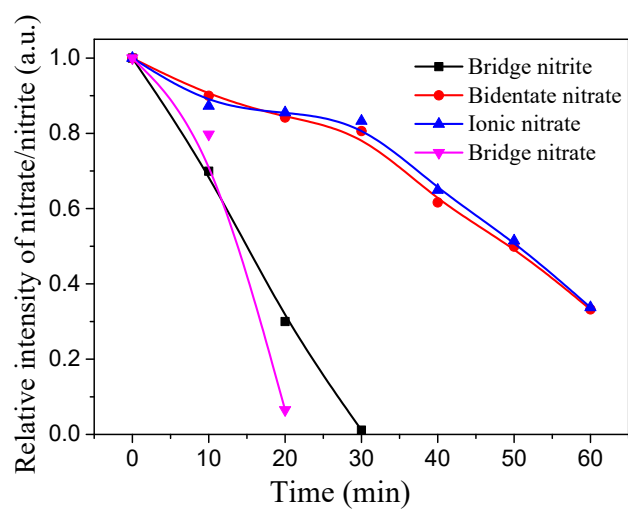


Fig. S4. Relative intensity of nitrate/nitrite consumption over time on 20% MnFe/Al<sub>2</sub>O<sub>3</sub>.