

Supplementary Information

Ag-promoted Cr/MnO₂ catalyst for catalytic oxidation of low concentration formaldehyde at room temperature

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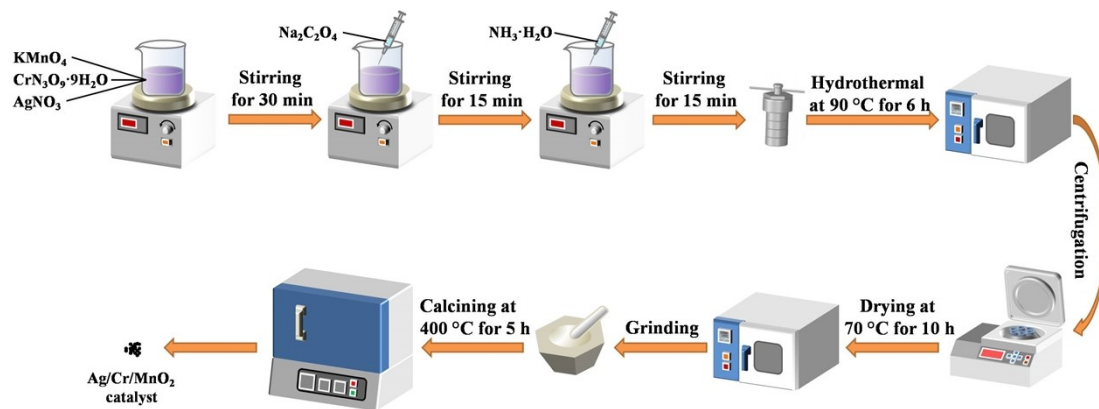


Fig. S1 Schematic illustration of the preparation process of catalysts.

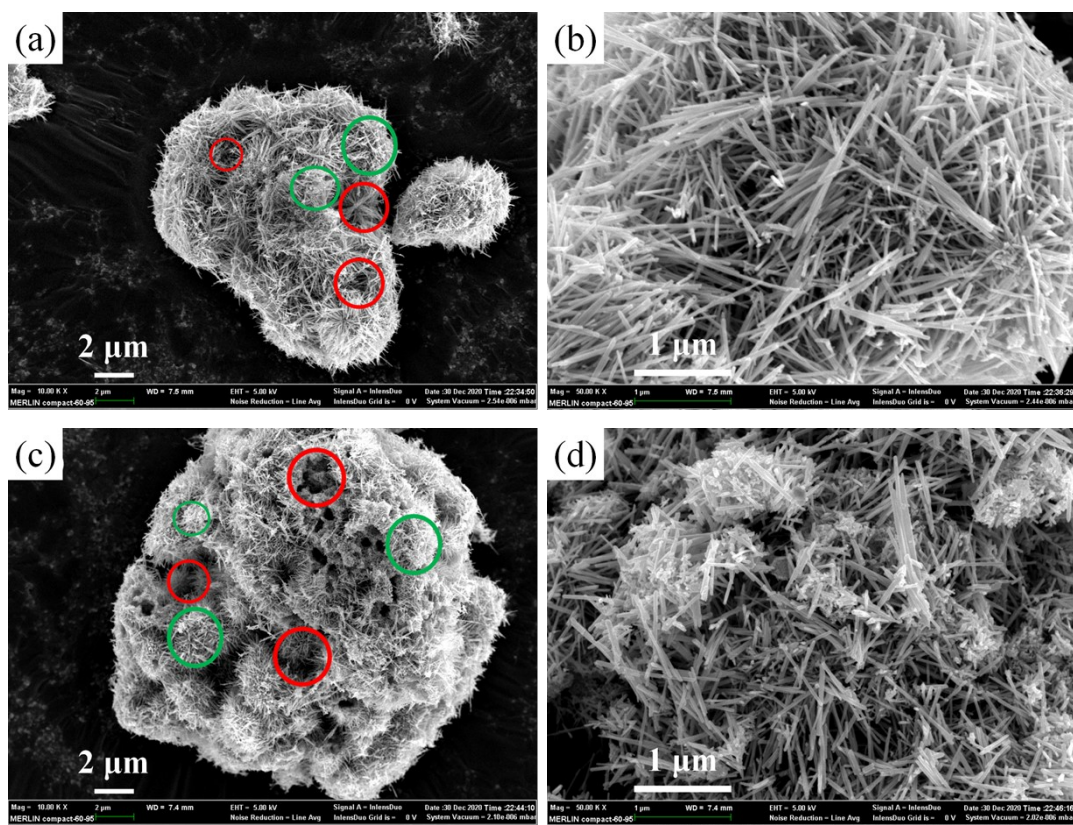


Fig. S2 SEM images of Cr/MnO₂ catalyst (a, b) and Ag/Cr/MnO₂ catalyst (c, d).

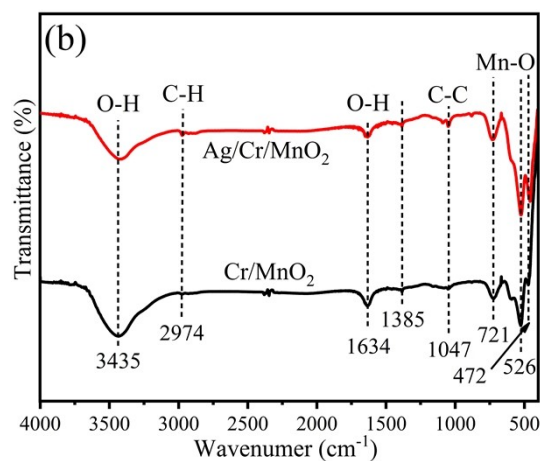


Fig. S3 FTIR spectra of catalysts.

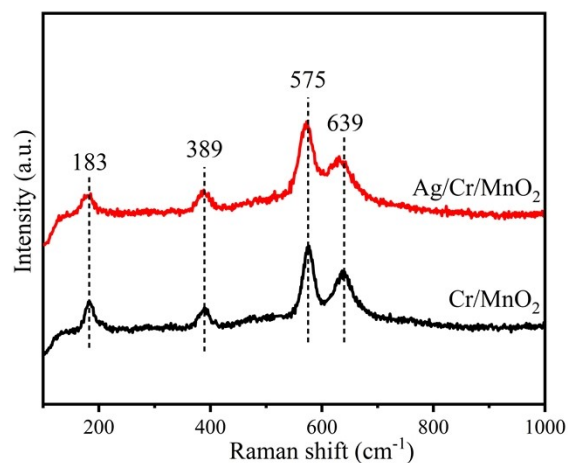


Fig. S4 Raman spectra of catalysts.

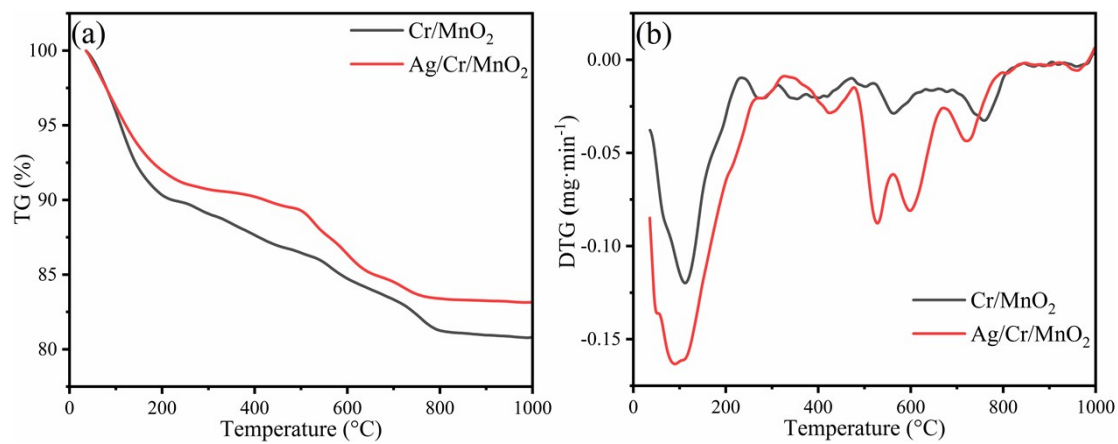


Fig. S5 Thermo-gravimetric analysis and derivative thermogravimetry (DTG) curves of catalysts.

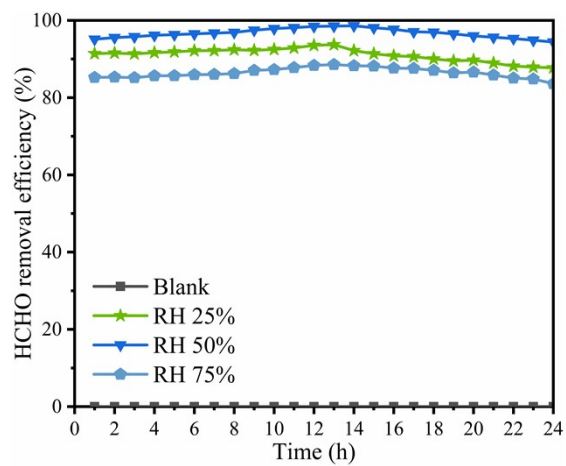


Fig. S6 HCHO removal performance of Ag/Cr/MnO₂ catalyst at different humidity.