

## Supporting information

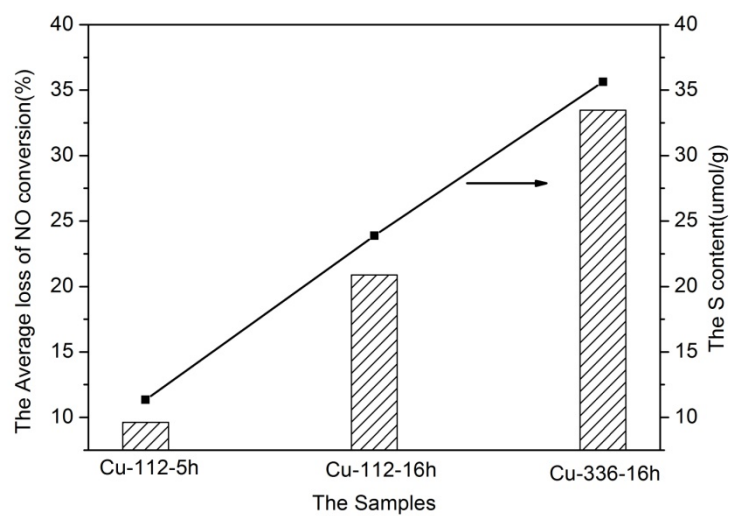


Fig.S1 The relationship between S content and average loss of NO conversion over  $\text{SO}_2$  poisoned Cu/SAPO-34

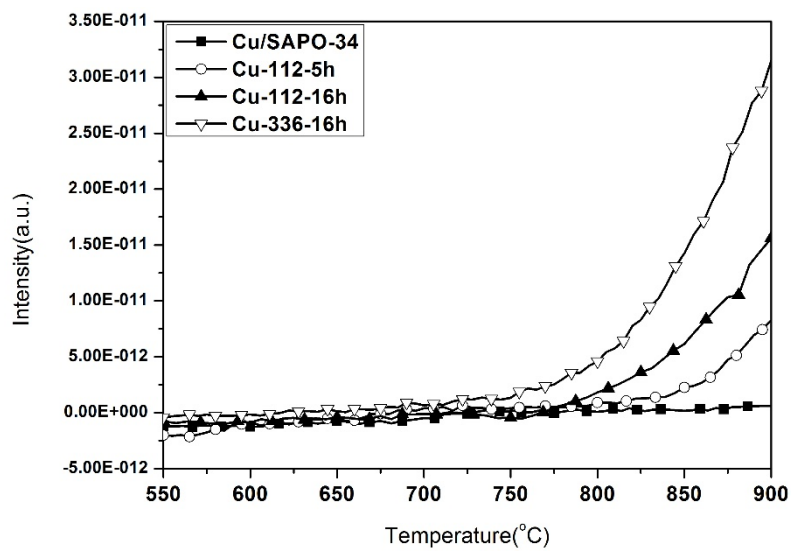


Fig.S2 The partial pressure of H<sub>2</sub>S for fresh and SO<sub>2</sub> poisoned samples by mass spectrometer (HIDEN HPR20)

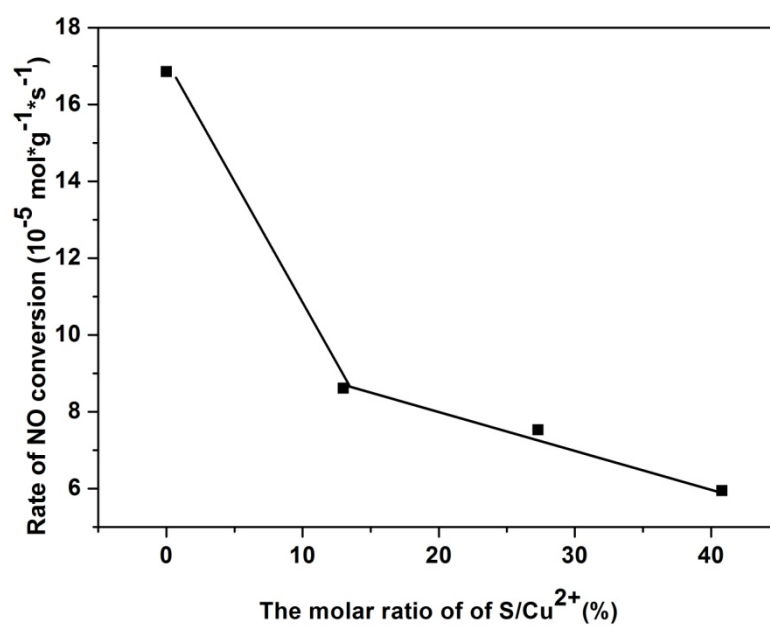


Fig. S3 The relationship between the molar ratio of S/Cu<sup>2+</sup> and the rate of NO conversion over the SO<sub>2</sub> poisoned samples