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Supporting Information

Degradation of high concentrated organic compounds over supported Ru-Cu bimetallic catalyst

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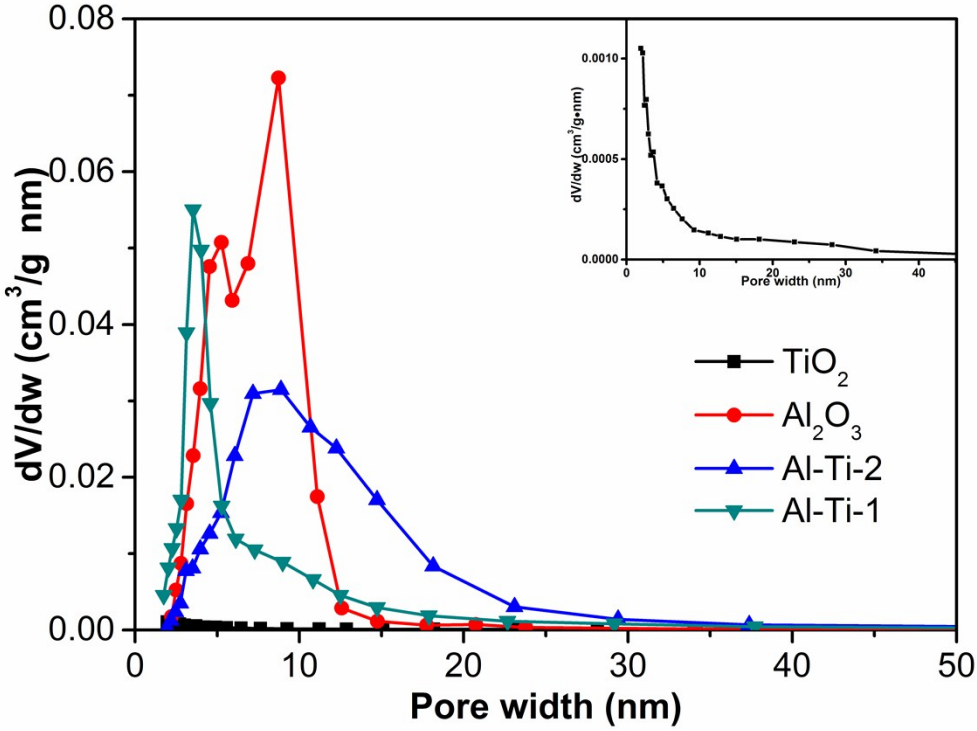

Fig. S1 BJH pore size distribution from desorption branch of the isotherm of supports.

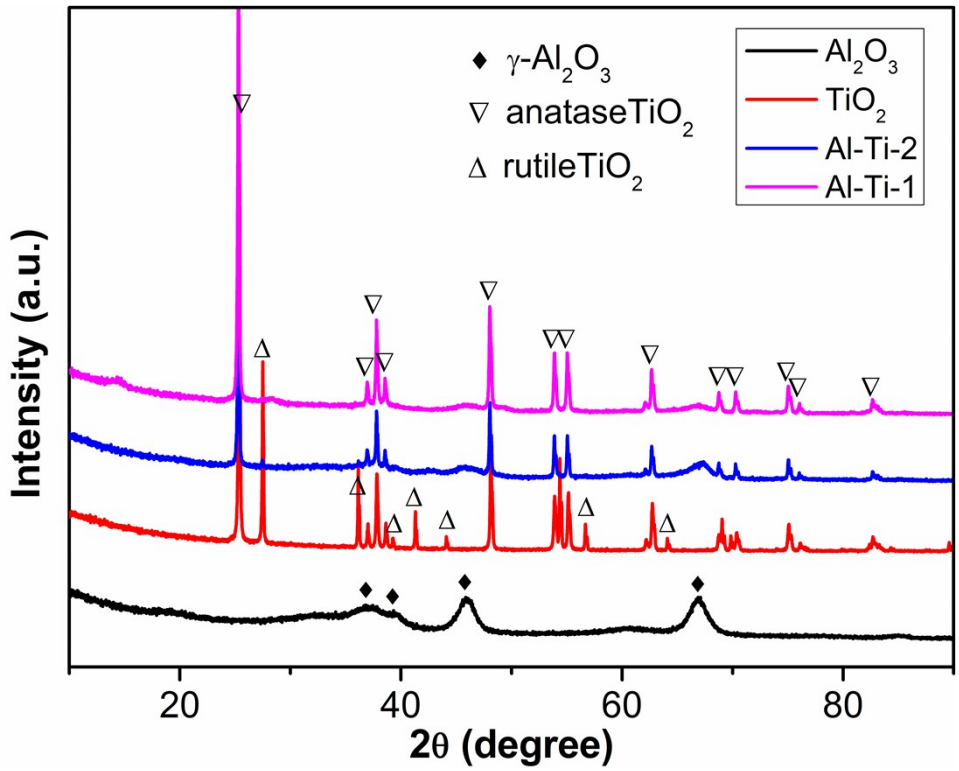

Fig. S2 XRD patterns of the supports.

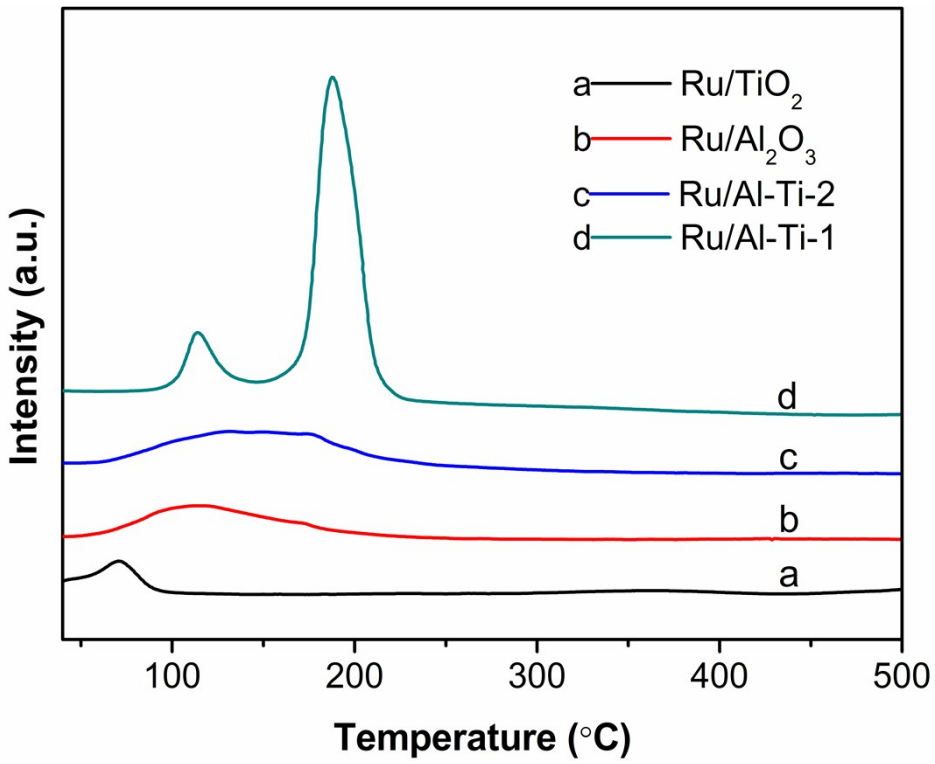

Fig. S3 H_2-TPR profiles of different supported Ru catalysts.

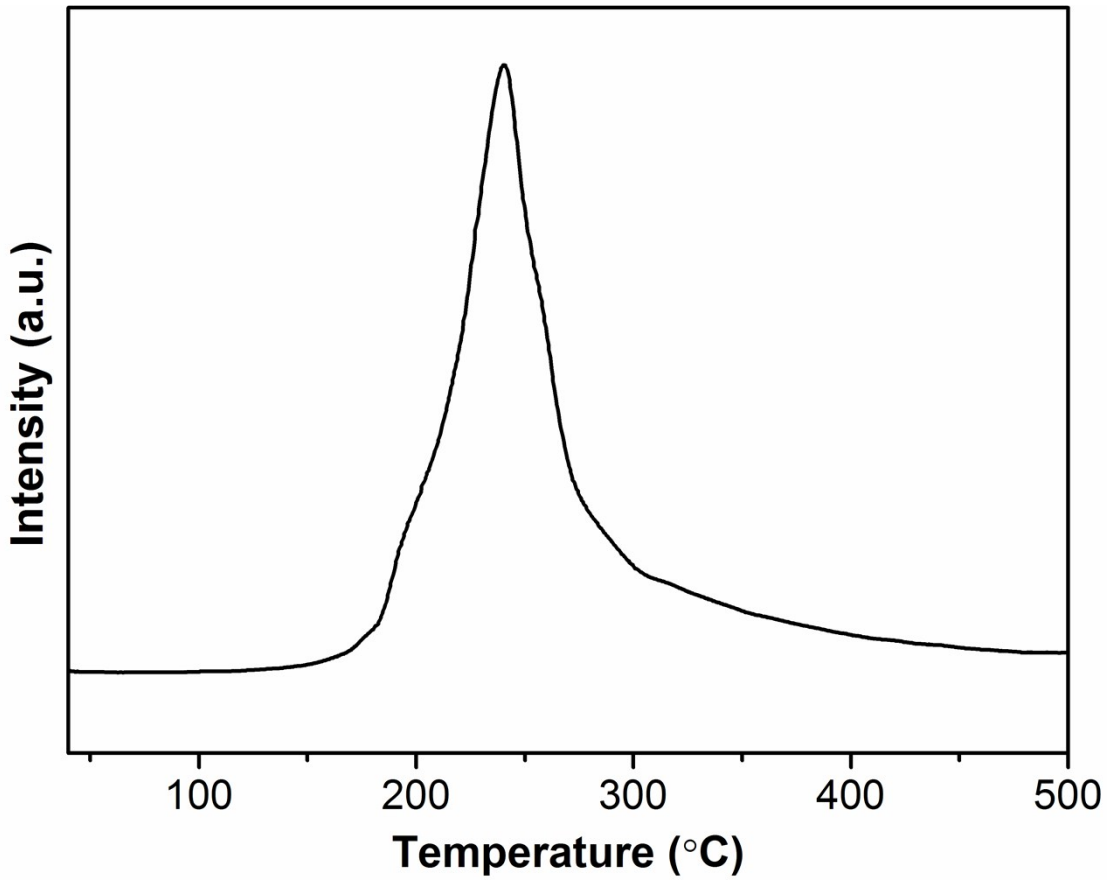

Fig. S4 H_2-TPR profiles of 3%Cu/Al-Ti-1 catalyst.

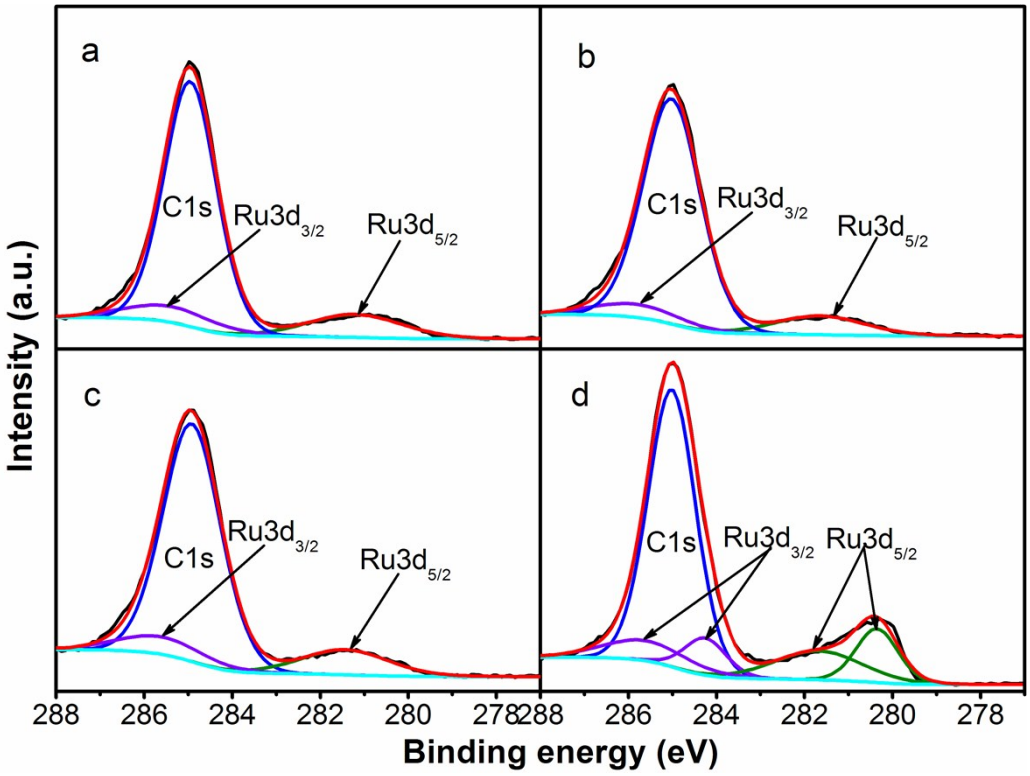

Fig. S5 Ru 3d spectra of (a) Ru/Al-Ti-1; (b) Ru/Al-Ti-2; (c) Ru/Al_2O_3 and (d) Ru/TiO_2.

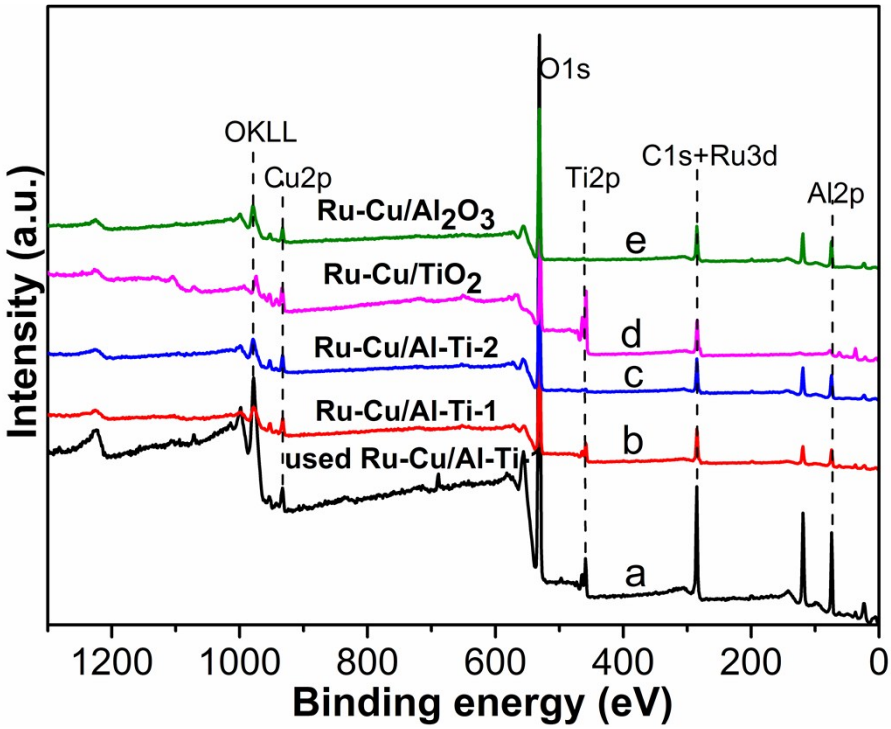

Fig. S6 XPS survey spectra of Ru-Cu catalysts and spent Ru-Cu/Al-Ti-1 catalyst.

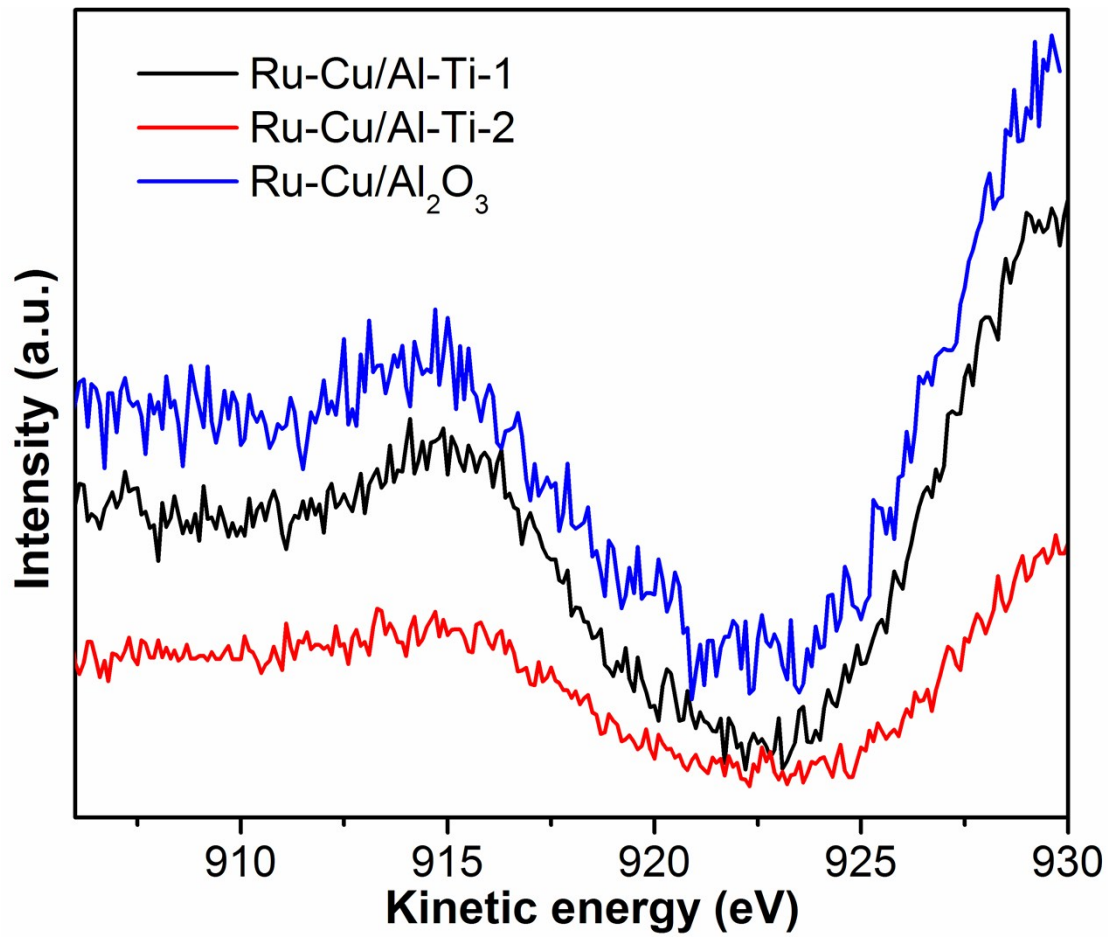

Fig. S7 Cu LMM Auger spectra of Ru-Cu catalysts.