



Supporting Information

High-Dispersed V_2O_5 - CuO_x Nanoparticles on h-BN in NH_3 -SCR and NH_3 -SCO Performance

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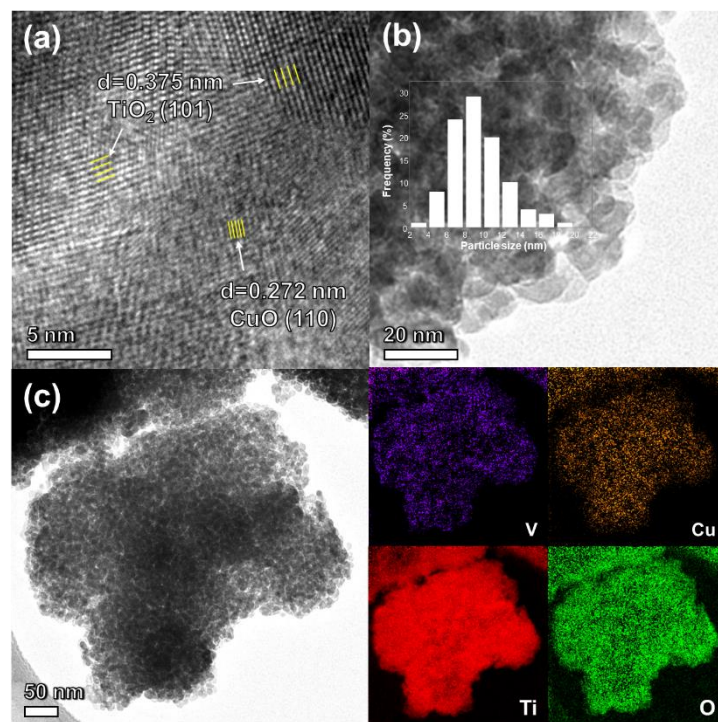


Figure S1. (a) High magnification TEM image, (b) TEM image and histogram of particle size distribution, (c) EDS mapping for V-Cu/Ti.

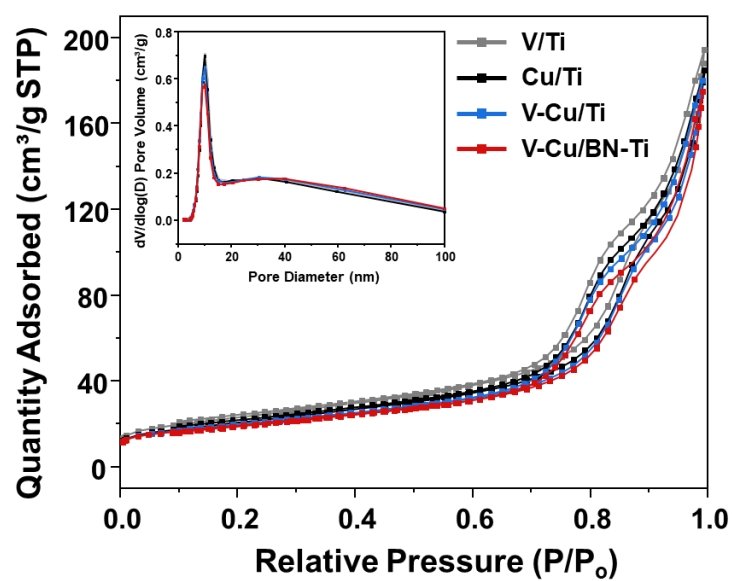


Figure S2. N₂ absorption-desorption isotherms and pore size distribution calculated by BJH method of synthesized catalysts.

Table S1. Specific surface areas, pore volumes and pore diameters of synthesized catalysts.

Catalysts	BET specific surface area (m ₂ g ⁻¹)	Total pore volume (mL g ⁻¹)	Average pore diameter (nm)
V/Ti	82.19	0.29	14.79
Cu/Ti	74.32	0.28	15.00
V-Cu/Ti	68.81	0.28	15.06
V-Cu/BN-Ti	67.29	0.27	15.45