Insight into the Effect of Oxygen Vacancy Prepared by Different Methods on CuO/Anatase Catalyst for CO Catalytic Oxidation

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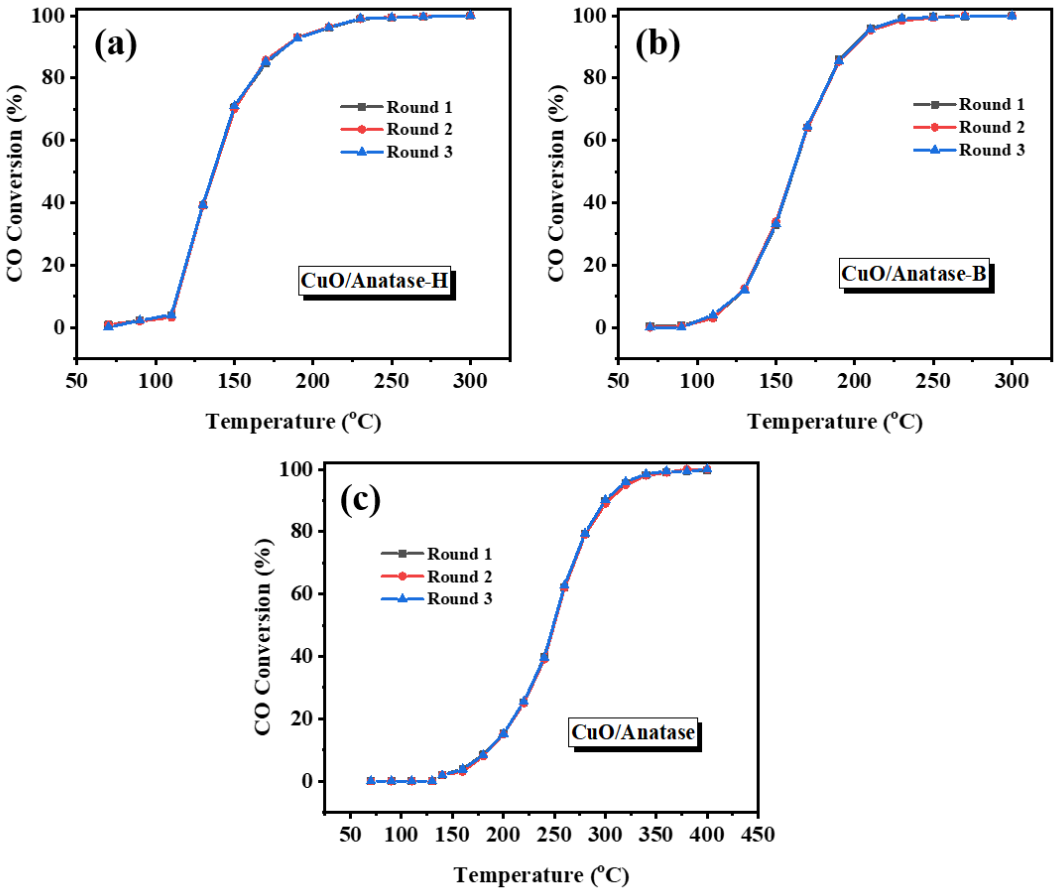

Figure S1. The CO oxidation performance of catalysts.

As shown in **Figure S1**, after three rounds of CO catalytic oxidation performance test, the activities of all catalysts are almost the same as round 1, indicating the catalysts are stable after several cycles.

Table S1. Comparison of the catalytic performance between the CuO/Anatase catalyst and the present catalysts

Catalysts	BET surface area (m^2/g)	T_{50}	T_{90}	GHSV (h^{-1})	References
CuO/Anatase	31.7	248	300	60000	This work
CuO/Anatase-B	33.5	160	198	60000	This work
CuO/Anatase-H	33.0	135	182	60000	This work
Cu/TiO_2	69.2	125	150	60000	Catal. Sci. Technol. 2020, 10, 1661-1674
CuO NPs	-	-	180	72000	ACS Appl. Mater. Interfaces, 2017, 9, 2495-2499
$CuO-Co_2O_3-CeO_2$)	41.7	-	200	150000	Angew. Chem. Int. Ed. 2015, 54,13263-13267
CuCe	48.0	103	140	60000	Nanoscale, 2018,10, 22775-22786

As shown in **Table S1**, the CO catalytic oxidation performance of the CuO/Anatase-H catalyst is comparable to other Cu-based catalysts.