

The preparation of AuPd/ZnO-CuO for directional oxidation of glycerol to DHA.

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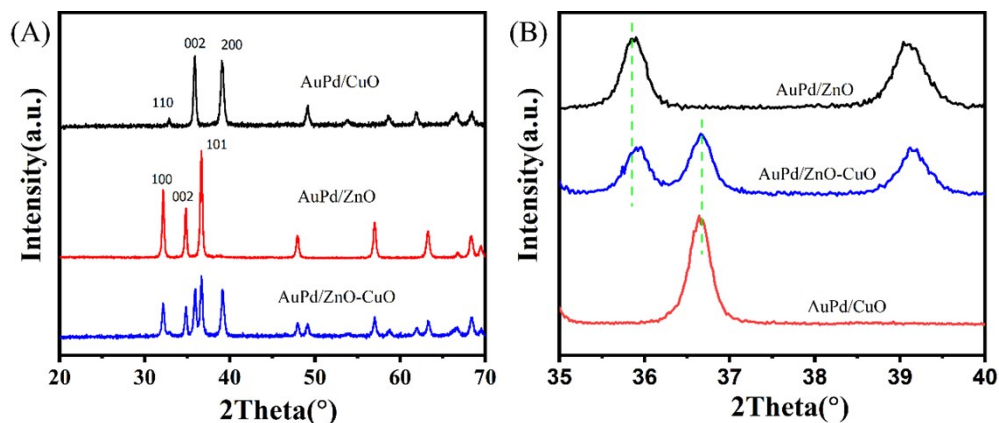


Figure S1. Powder XRD patterns of AuPd/CuO, AuPd/ZnO and AuPd/ZnO-CuO supports (A), partially enlarged views (B).

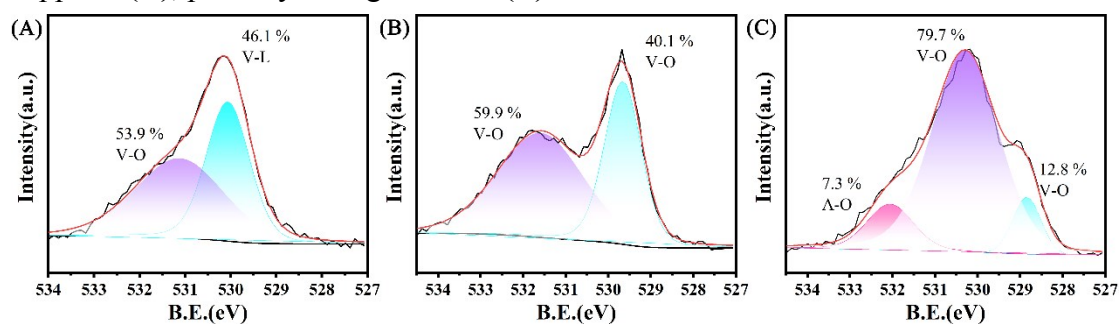


Figure S2. The O_{1s} XPS spectra of AuPd/Zn₁₀Cu₁ (A); AuPd/Zn₁Cu₁₀ (B) and AuPd/Zn₁Cu₁ (C) catalysts.

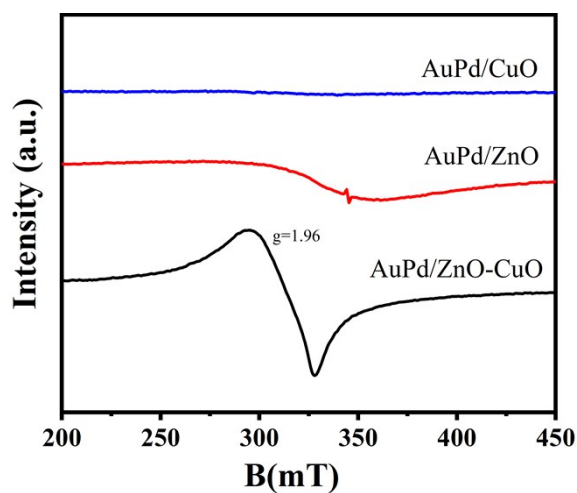


Figure S3. EPR spectra of the catalysts.

Table S1. XPS analysis of AuPd/ZnO-CuO and Au/ZnO-CuO catalysts.

Catalysis	Content (%)	
	Au⁰	Au⁺³⁺
AuPd/ZnO-CuO	76.4	23.6
Au/ZnO-CuO	86.0	14.0