Supporting Information

g-C_3N_4 Nanosheets Supported $NiCo_2O_4$ Nanoparticles for Boosting Degradation of Tetracycline under Visible Light and Ultrasonic Irradiation

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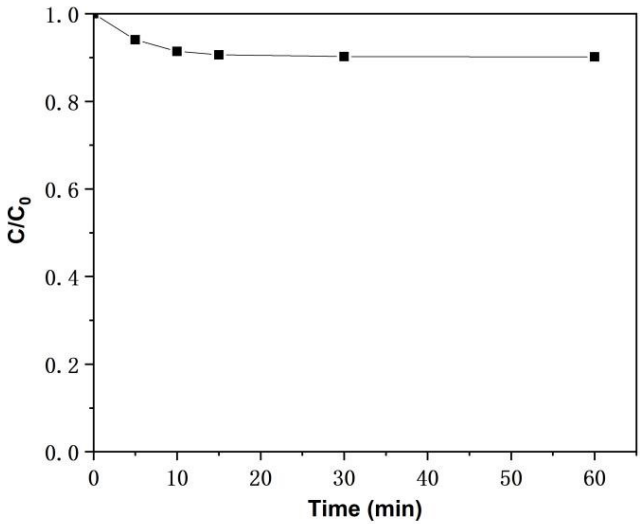

Fig. S1 The degradation rate of $NiCo_2O_4$/g-C_3N_4 catalyst without light irradiation.

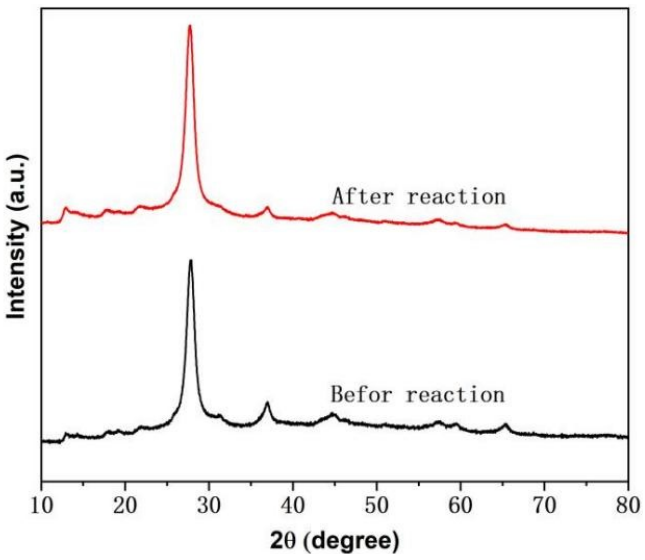

Fig. S2 The XRD patterns of $NiCo_2O_4$/g-C_3N_4 catalyst before and after the reaction.

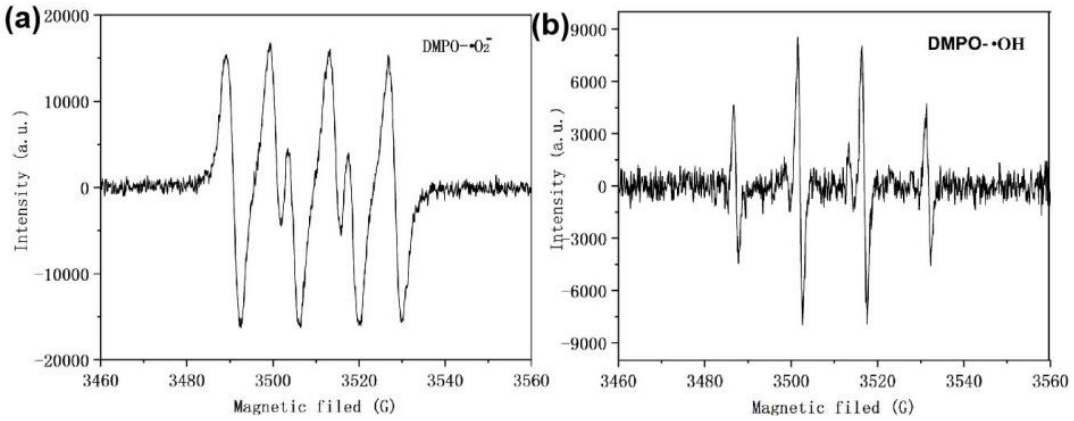

Fig. S3 EPR spectra of $NiCo_2O_4$/g-C_3N_4 composite for detection of (a) DMPO-•O_2^- and (b) DMPO-•OH during visible light irradiation.

Table S1. Efficiency comparison of g-C_3N_4 composite catalysts for TCH degradation

Catalyst	Target pollutant	Experimental condition	Efficiency(%)	Ref.
Ti0.7Sn0.3O2/g-C3N4	TCH	Visible light	88% in 40 min	[1]
2D/2D CuInS2/g-C3N4	TCH	Visible light	83.7% in 60 min	[2]
WO@ g-C3N4@ MWCNTs	TCH	Visible light	79.54% in 120 min	[3]
AgPO4/g-C3N4/ZnO	TCH	Visible light	88.47% in 120 min	[4]
Carbon dots modified MoO/g-C_3N_4	TCH	Visible light	88.4% in 90 min	[5]
NiCo2O4/ g-C3N4	TCH	Visible light	65% in 60 min	This work
NiCo2O4/ g-C3N4	TCH	Visible light and ultrasonic 400W	90% in 15 min	This work

References

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