Electronic Supplementary Material (ESI) for New Journal of Chemistry.

Supplementary Material

The insight into the degradation of emerging organic pollutants by peroxydisulfate activated with Co_3O_4@NiO: Role of each component and catalytic mechanism

Yanqing Cong, Wanxing Wang, Xiang Chen, Yi Zhang, Shi-Wen Lv*

School of Environmental Science and Engineering, Zhejiang Gongshang University, Hangzhou 310018, China

*Corresponding author.

Mail to: No.18 Xuezheng Road, Hangzhou, 310018, China.

Email: lvshiwen@zjgsu.edu.cn (Shi-Wen Lv)

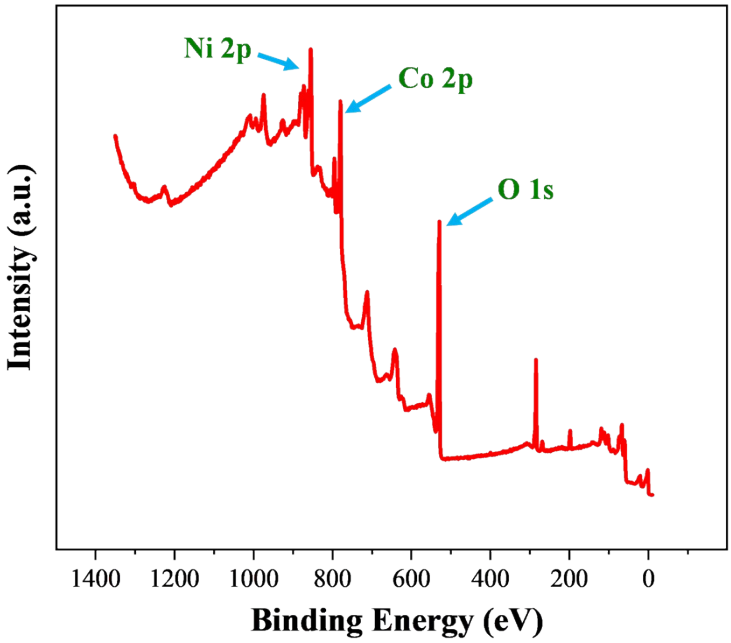

Fig. S1. XPS survey spectrum of Co3O4@NiO-2.

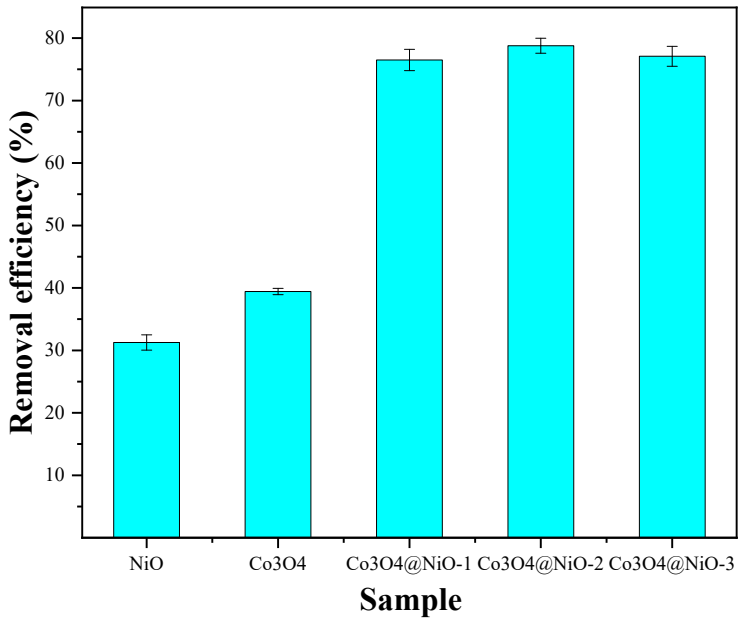

Fig. S2. The removal efficiencies of TC by different catalysts in the presence of PS.

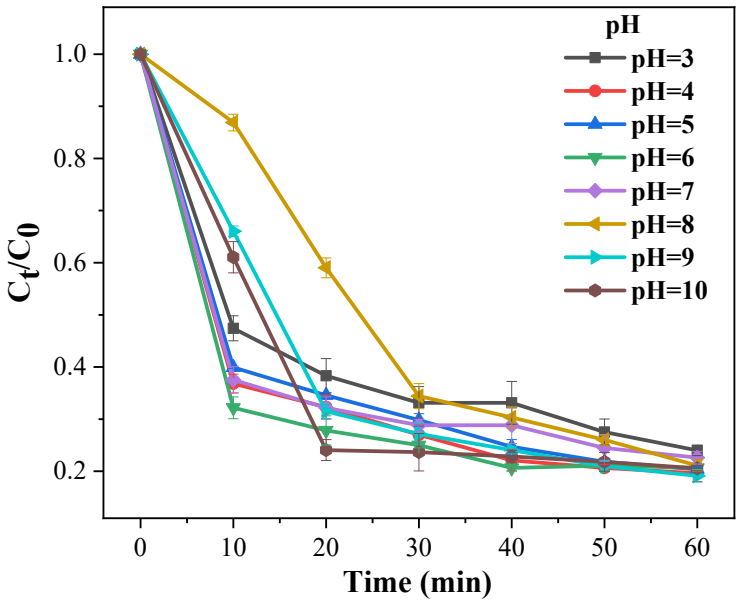

Fig. S3. Effects of pH values on TC degradation by the Co_3O_4@NiO-2/PS oxidation system.

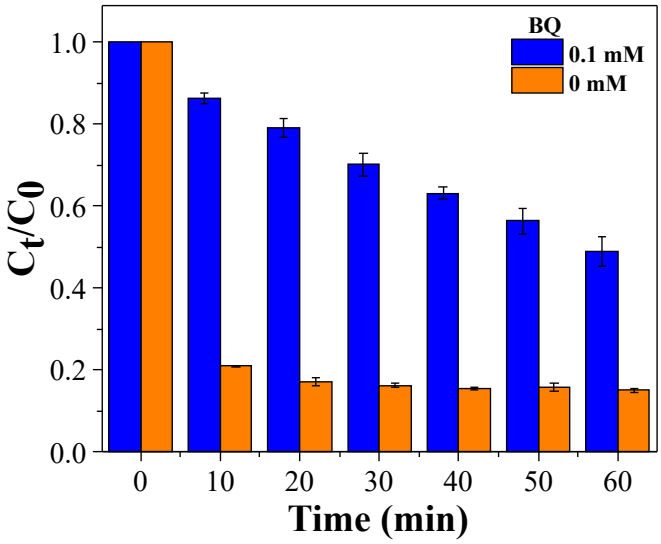

Fig. S4. Effect of BQ on TC degradation by the Co_3O_4@NiO-2/PS oxidation system.