

Fig. S1 EDS analysis of WO_{3-x} (1-2) nanowires.

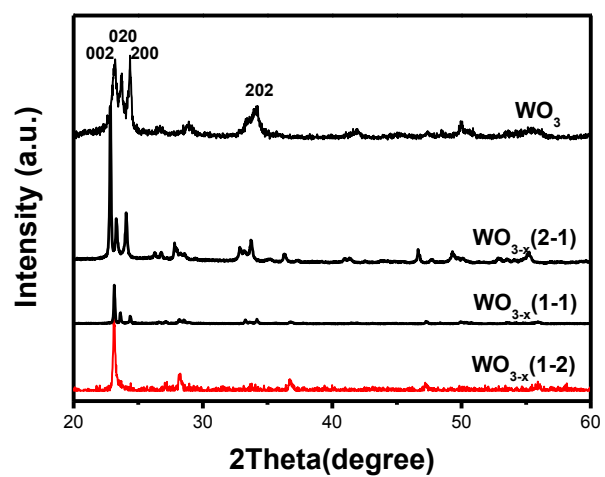


Fig. S2 XRD patterns of WO_3 (reference sample) and WO_{3-x} nanowires.

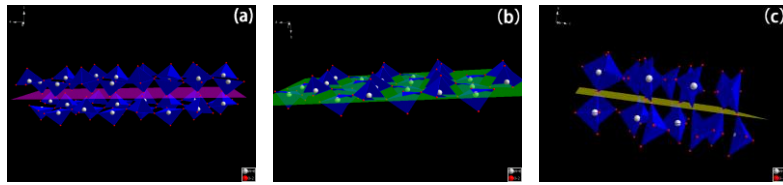


Fig. S3 Schematics of (002) (a), (020) (b), and (200) plane (c).

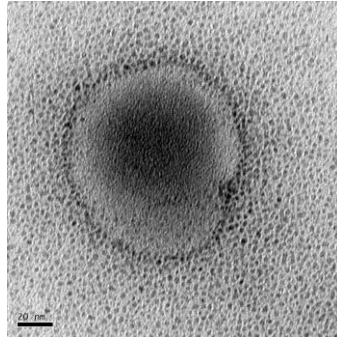


Fig. S4 TEM image of WO_{3-x} (1-2) nanowires in formamide.

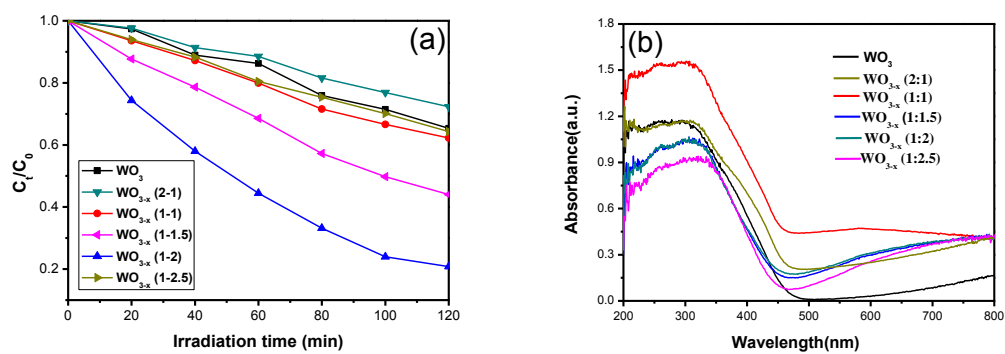


Fig.S5 The degradation of RhB (a), and UV-Vis diffusive reflectance spectra of all tungsten oxides samples(b).

Table S1 A Comparison of BET surface area of WO₃ nanosheets (reference) and nanowires.

Samples	WO ₃ (reference)	WO ₃ (1-1) nanowires	WO ₃ (1-2) nanowires	WO ₃ (1-2.5) nanowires
S _{BET} (m ² /g)	22.68	9.33	20.1	8.95