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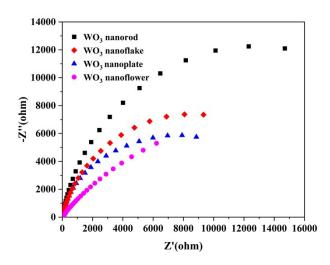
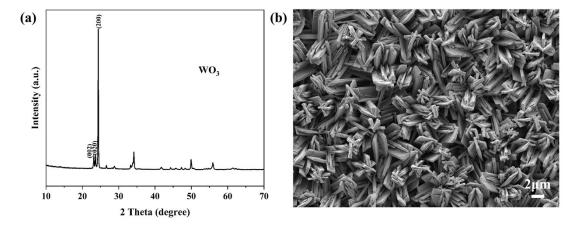


Fig. S1 EIS Nyquist plots of the WO<sub>3</sub> arrays.



**Fig. S2** (a) XRD patterns and (b) FESEM image of the WO<sub>3</sub> nanoflower arrays after the photocatalytic and photoelectrocatalytic reaction.