

Supplementary Information:

Solvothermal synthesis of dendritic TiN_xO_y nanostructure for oxygen reduction reaction electrocatalysis

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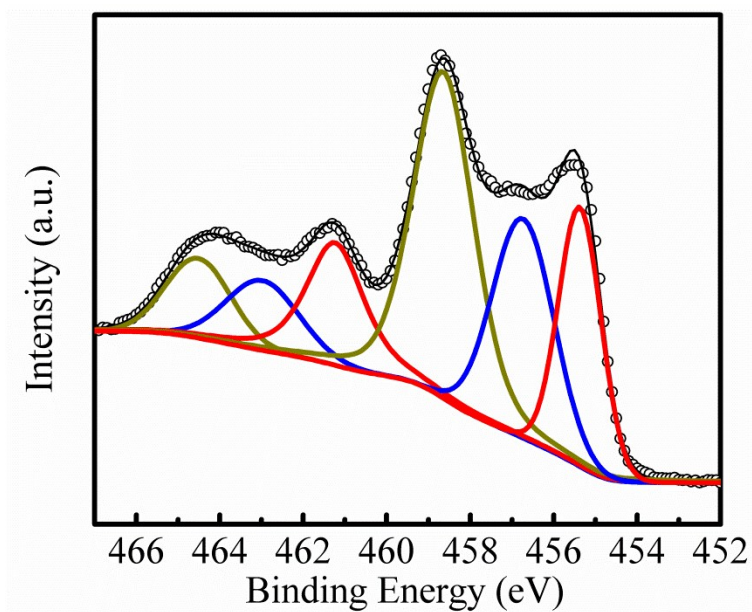


Fig. S1 Ti 2p XPS spectra of TiN_xO_y -900 after argon ion bombardment for 120s

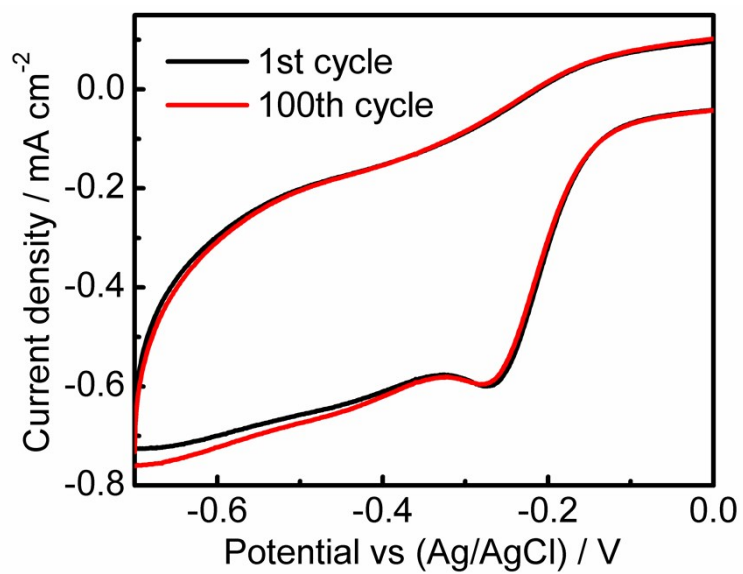


Fig. S2 CV curves (10 mV s^{-1}) of 1st and 100th cycle for TiN_xO_y-900

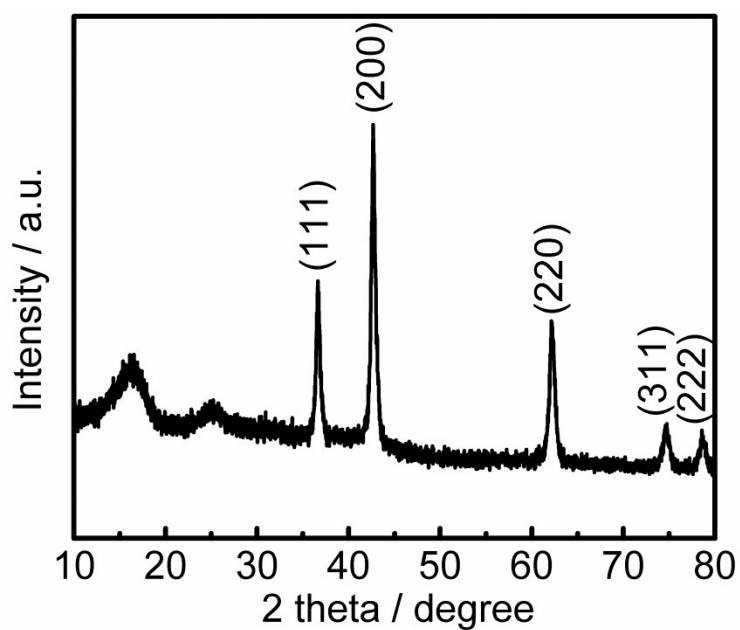


Fig. S3 XRD pattern of TiN_xO_y-900 after CV tests for 100 cycles

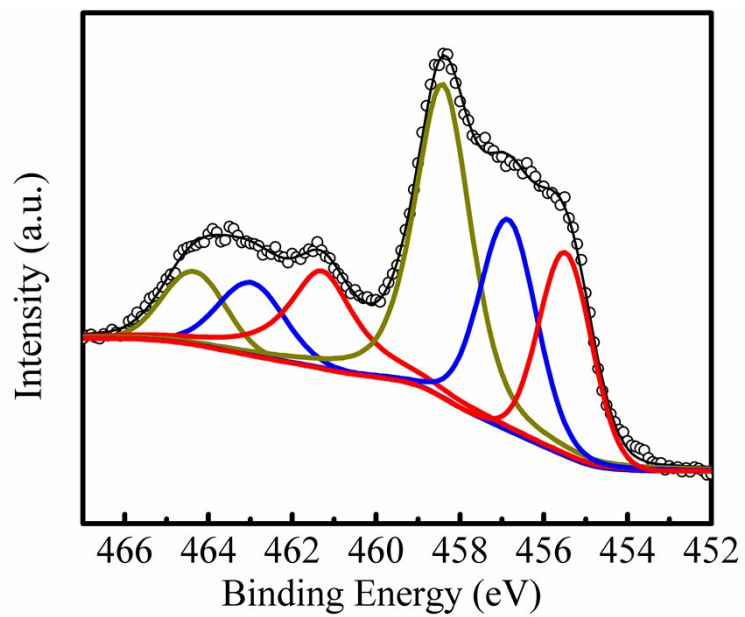


Fig. S4 Ti 2p XPS spectra of TiN_xO_y -900 after CV tests for 100 cycles

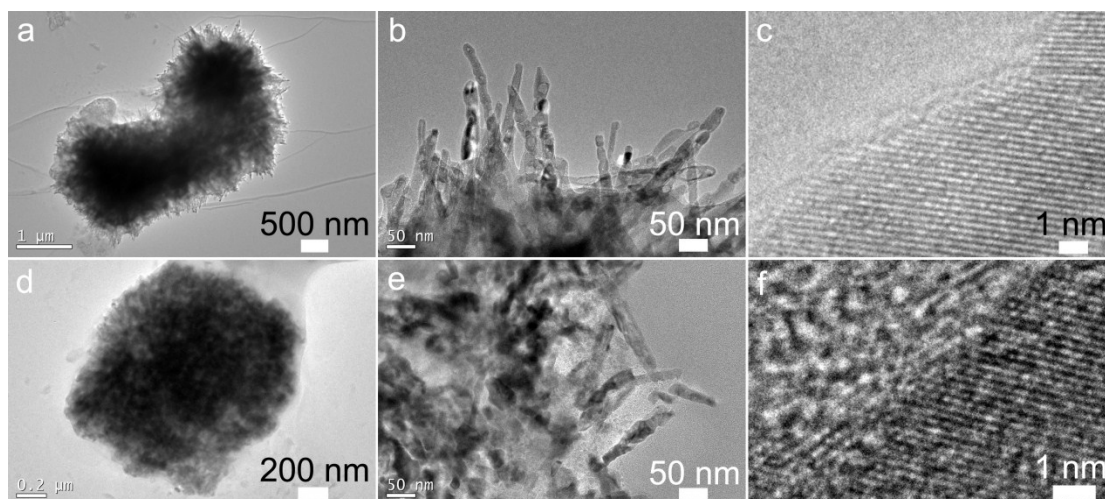


Fig. S5 TEM images of TiN_xO_y -900: (a-c) before cycling, (d-f) after cycling