

Supplementary Information

One step to fabricate Vanadium-doped CoFe PBA nanosheets for efficient oxygen evolution reaction

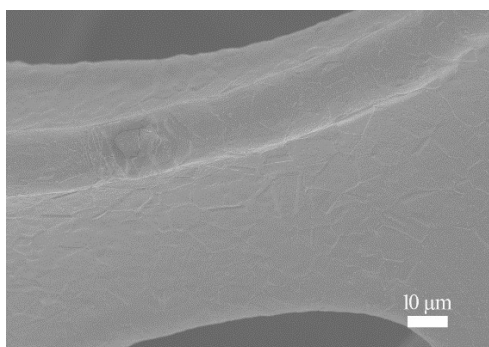


Fig. S1 SEM image of bare NF

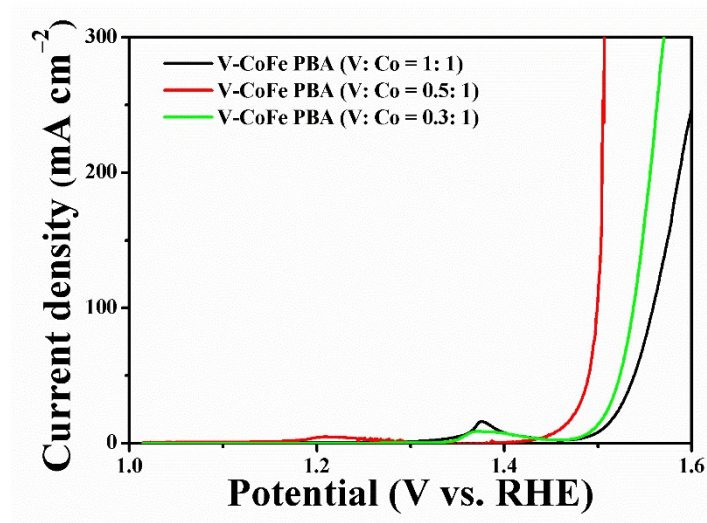


Fig. S2 OER LSV polarization curves of V-CoFe PBA with different V/Co ratios.

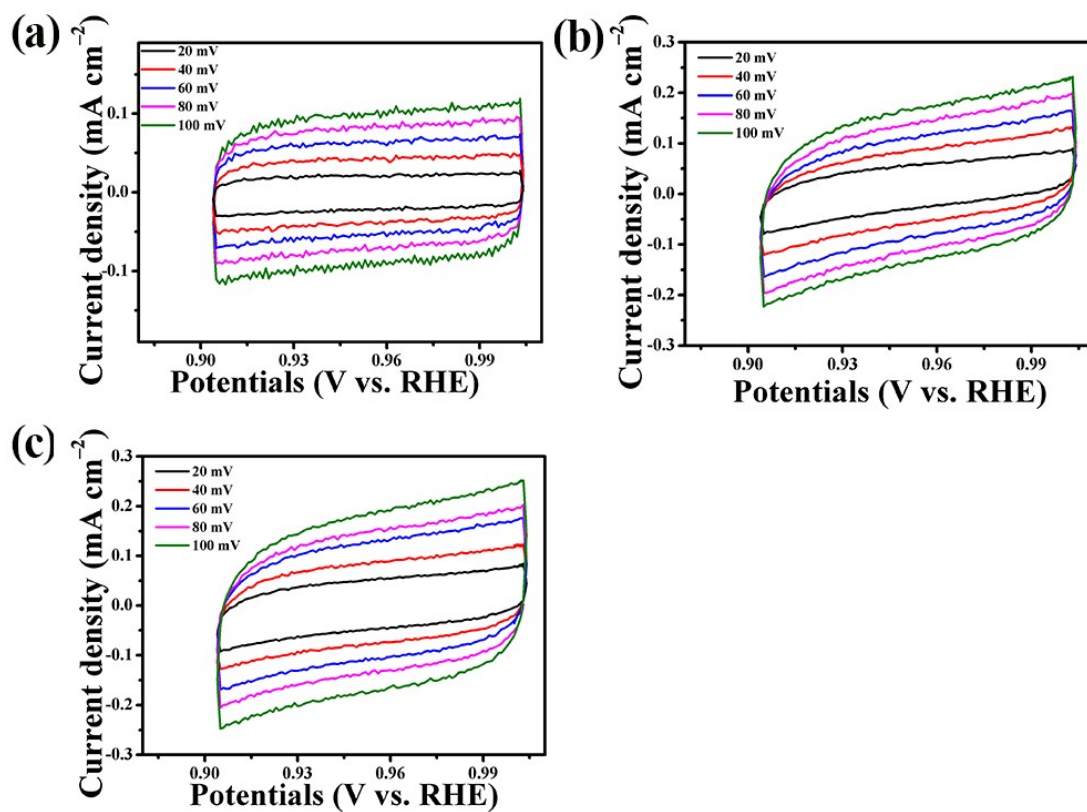


Fig. S3 (a), (b) and (c) are cyclic voltammograms of bare NF, CoFe PBA and V-CoFe PBA at different sweep rates.

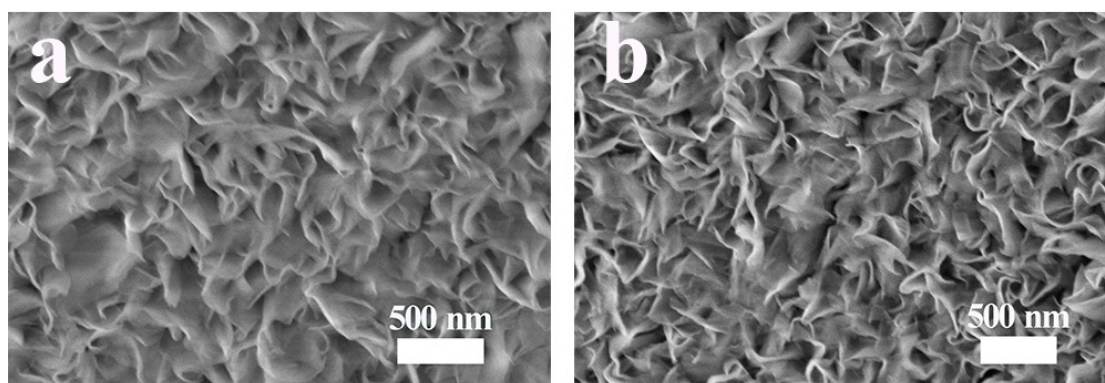


Fig. S4. SEM images of V-CoFe PBA after the durability test at current density of 10 mA cm^{-2} .

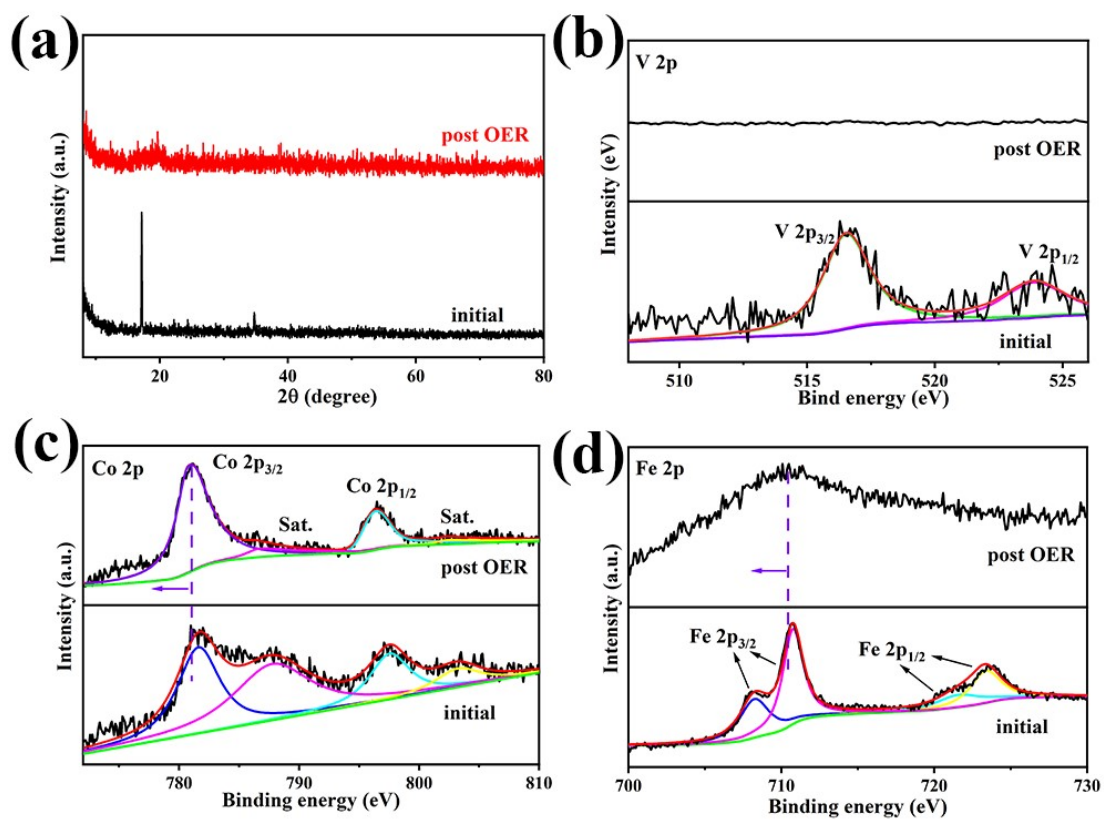


Fig. S5. (a) XRD spectra of V-CoFe PBA before and after the durability tests. XPS spectra of (b) V 2p; (c) Co 2p and (d) Fe 2p of V-CoFe PBA before and after the durability test at current density of 10 mA cm^{-2} .